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# WATER SUPPLY OUTLOOK FOR MONTANA

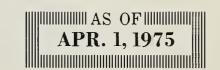


## U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

MONTANA AGRICULTURAL EXPERIMENT STATION

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the hack cover of this report.



#### TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

Cover Photo: Cabins near Sacajawea Snow Course in Bridger Yountains, Montana.

#### PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

| STATE              | ADDRESS  |
|--------------------|--|
| Alaska             | 204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501                  |
| Arizona            | 6029 Federal Building, Phoenix, Arizona 85025                        |
| Colorado (N. Mex.) | P. O. Box 17107, Denver, Colorado 80217                              |
| Idaho              | Room 345, 304 N. 8th. St., Boise, Idaho 83702                        |
| Montana            | P.O. Box 98, Bozeman, Montana 59715                                  |
| Nevada             | P. O. Box 4850, Reno Nevada 89505                                    |
| Oregon             | 1218 S. W. Washington St., Portland, Oregon 97205                    |
| Utah               | 4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 841 38 |
| Washington         | 360 U.S. Court House, Spokane, Washington 99201                      |
| Wyoming            | P. O. Box 2440, Casper, Wyoming 82601                                |

#### PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia

# WATER SUPPLY OUTLOOK FOR MONTANA

and FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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| Columbia Poorman Creek and Banfield Mountain Hawkins Lake and Garver Creek Noisy Basin Black Pine, Peterson Meadows, and Combination Hoodoo Basin North Fork Elk Creek and Lubrecht Flume Twin Lakes, Saddle Mountain, and Twelvemile Creek Missouri Black Bear and Madison Plateau Whiskey Creek, Tepee Creek, and West Yellowstone Bridger Bowl and Maynard Creek Shower Falls, Carrot Basin, and Lick Creek Spur Park and Deadman Creek Rocker Peak, Frohner Meadows, and Rocky Boy Mount Lockhart and Waldron Cole Creek Fisher Creek, White Mill, and Northeast Entrance | 21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33<br>34<br>35<br>36 |
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| COODEDATORS Include Back C  | 'ovor  |



# MONTANA WATER SUPPLY OUTLOOK April 1, 1975

\* March was a good snowfall month for most mountain \* areas. The snowpack is generally near or above \* average in all areas. Higher elevations generally \* have nearer average snowpack. The low elevation \* snow is generally above average as the result of \* good snowfall and very little melt during the past \* month. Some deficiencies continue to exist along \* the continental divide North of Rogers Pass. \* \* Streamflow is forecast near average over most of \* the state. Exceptions are areas in the southwest \* and southeastern part of the state and West of \* Plains and Kalispell where above average runoff is \* expected. Below average streamflow is anticipated \* from streams in the Marias, Teton, and Sun River \* drainages. Early season runoff will be above aver-\* age while the heavy low elevation snowpack is \* melting. Late season irrigation supplies should \* be average in most areas. 

#### COLUMBIA RIVER DRAINAGE

Snow - The mountain snowpack is above average near Butte and West of Kalispell and in most of the Kootenai and Bitterroot River drainages and generally near average elsewhere. Most areas have a large low elevation snowpack decreasing nearer to average in the higher elevations. Soils under the snowpack contain average to below average moisture.

<u>Streamflow</u> - Spring and Summer runoff is forecast to be near average from most drainages. Above average streamflow is expected from areas West of Kalispell and Plains and from Southern Bitterroot River tributaries. Early spring streamflow is expected to be high as the heavy low elevation snowpack melts. Late season streamflow should be near average.



#### MISSOURI RIVER DRAINAGE

Snow - Snowpack is quite variable over the basin. Below average conditions persist in the Sun, Teton, and Marias River headwaters with near average snowpack over much of the Missouri River water producing areas. Above average snow cover exists in the headwaters of the Big Hole, Upper Red Rock, and Madison River drainages and in the Bear Paw, Little Rockies, and Snowy Mountains. The low elevation snowpack is generally above average.

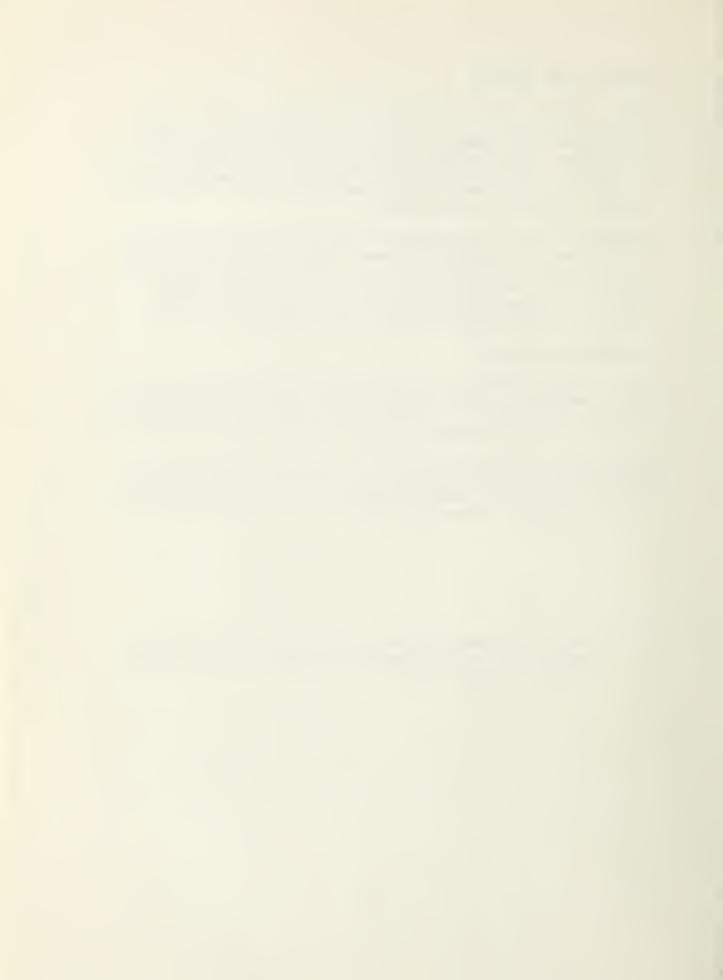
Streamflow - Above average runoff is forecast from the Beaverhead, Big Hole, and Boulder River drainages. Other areas should have near to above average streamflow except for below average conditions in the Sun, Teton, and Marias River Basins. Early season runoff is expected to be above average as the large low elevation snowpack melts. Late season runoff should be about average.

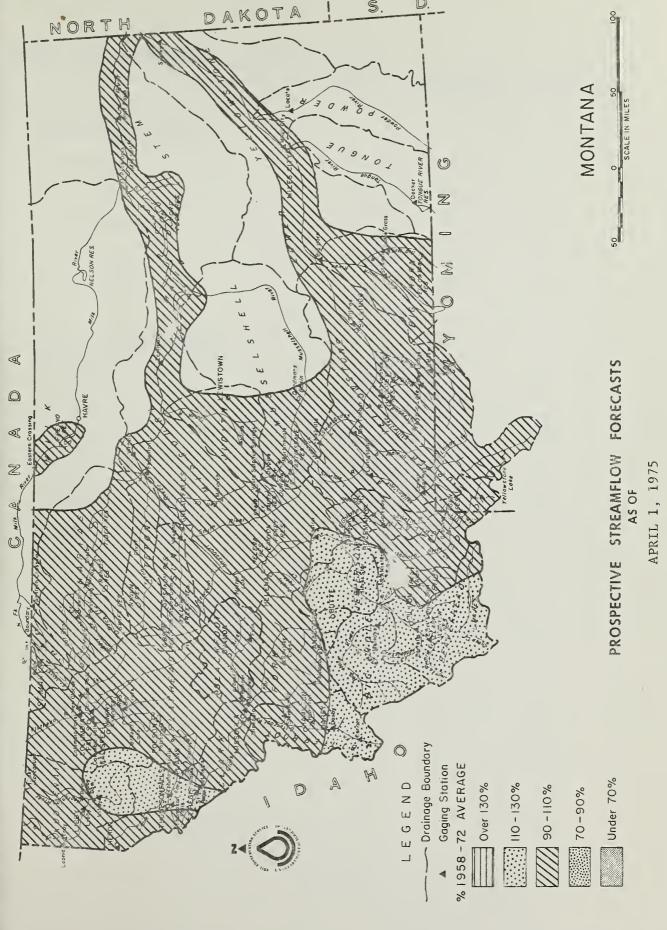
#### YELLOWSTONE RIJER BASIN

<u>Snow</u> - Current snowpack is near average in most areas except for above average conditions in the Crazy Mountains. Some areas in extreme Yellowstone headwaters in the Park are below average. Low elevations generally have above average snowpack.

<u>Streamflow</u> - Spring and Summer runoff is forecast near to a little above average on all drainages. Late season runoff should be near average. Early season runoff is expected to be above average as the large low elevation snowpack melts.

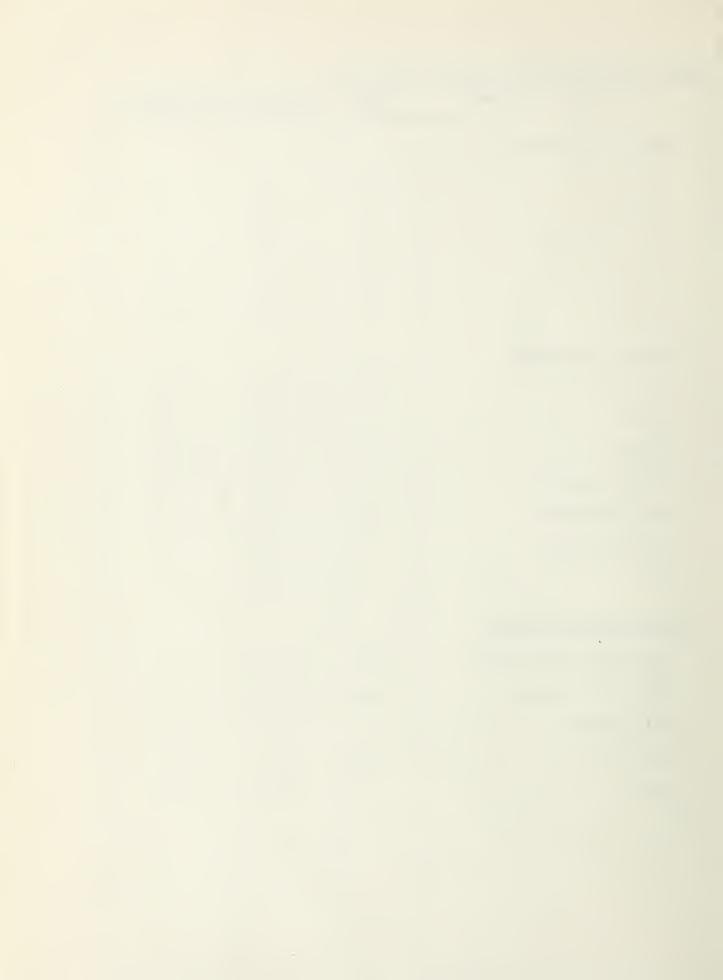
NOTICE: Copies of "Summary of Snow Survey Measurements, 1922-1974" may be obtained from Snow Survey Supervisor, P. O. Box 98, Bozeman, Montana 59715.

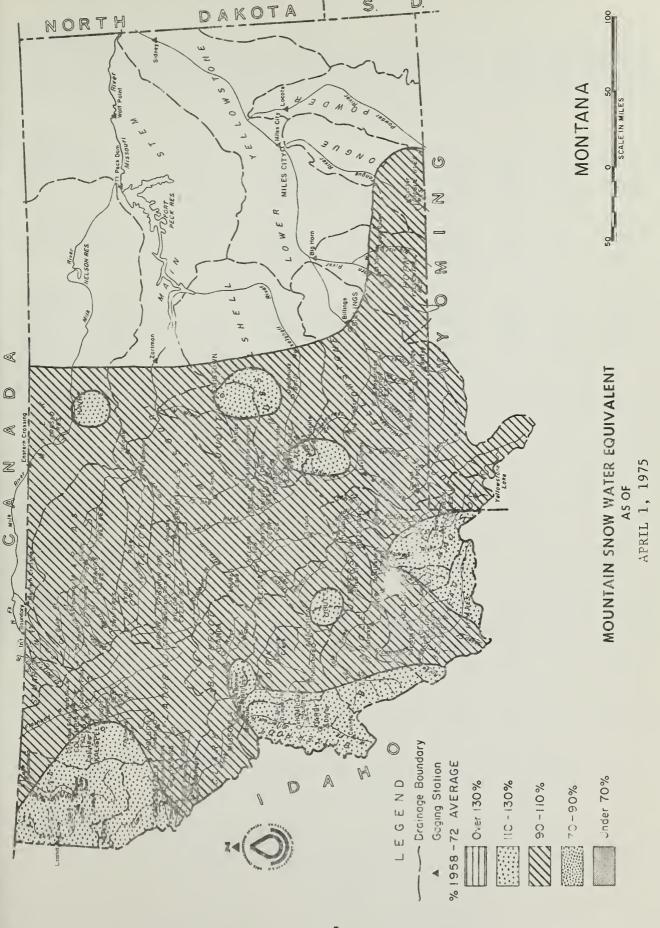






| RIVER BASIN and/or SUB-WATERSHED | Courses             | THIS YEAR'S SNOW WATER AS PERCENT O |         |  |
|----------------------------------|---------------------|-------------------------------------|---------|--|
|                                  | Courses<br>Averaged | Last Year                           | Average |  |
| COLUMBIA RIVER DRAINAGE          |                     |                                     |         |  |
| Kootenai                         | 25                  | 81                                  | 114     |  |
| Flathead                         | 21                  | 83                                  | 107     |  |
| Upper Clark Fork                 | 30                  | 97                                  | 112     |  |
| Lower Clark Fork                 | 12                  | 83                                  | 114     |  |
| Bitterroot                       | 14                  | 84                                  | 116     |  |
| MISSOURI RIVER DRAINAGE          |                     |                                     |         |  |
| Jefferson                        | 52                  | 88                                  | 116     |  |
| Madison                          | 19                  | 82                                  | 109     |  |
| Gallatin                         | 13                  | 90                                  | 106     |  |
| Missouri Main Stem               | 12                  | 96                                  | 109     |  |
| Judith-Musselshell               | 15                  | 99                                  | 110     |  |
| Marias-Teton-Sun                 | 7                   | 89                                  | 95      |  |
| Mi1k                             | 3                   | 107                                 | 117     |  |
| YELLOWSTONE RIVER DRAINAGE       |                     |                                     |         |  |
| Yellowstone (above Bighorn)      | 28                  | 88                                  | 106     |  |
| Bighorn (in Wyoming)             | 24                  | 98                                  | 103     |  |
| Little Bighorn                   | 7                   | 157                                 | 120     |  |
| Tongue                           | 12                  | 141                                 | 116     |  |
| Powder                           | 6                   | 135                                 | 103     |  |
|                                  |                     |                                     |         |  |
|                                  |                     |                                     |         |  |
|                                  | -4-                 |                                     |         |  |







| DRAINAGE BASIN and/or    |               |        | ile (Inches) | Date of |              | Soil Moisture (Inches) |           |  |
|--------------------------|---------------|--------|--------------|---------|--------------|------------------------|-----------|--|
| Name                     | Elevation     | Depth  | Capacity     | Survey  | This<br>Year | Last<br>Year           | Average + |  |
|                          | CONTINUE A DE | TID D  | CTN          |         |              |                        |           |  |
|                          | COLUMBIA RI   | VER BA | ASIN         |         |              |                        |           |  |
| Kootenai                 |               |        |              |         |              |                        |           |  |
| Baree Trail              | 3800          | 48     | 7.5          | 4/2     | 6.4          | 6.6                    | 6.4       |  |
| Murphy Lake R. S.        | 3000          | 48     | 22.6         | 4/3     | 20.2         | 22.3                   | 21.3      |  |
| Raven                    | 3050          | 48     | 23.0         | 4/2     | 17.0         | 17.2                   | 19.4      |  |
| Flathead                 |               |        |              |         |              |                        |           |  |
| Desert Mountain          | 5600          | 54     | 8.4          | 3/28    | 6.2          | 8.8                    | 7.6       |  |
| Marias Pass              | 5250          | 54     | 6.5          | 3/25    | 4.2          | 7.2                    | 5.7       |  |
| Clark Fork               |               |        |              |         |              |                        |           |  |
| Black Pine               | 7100          | 48     | 10.0         | 3/27    | 7.1          | 8.2                    | 7.5       |  |
| Lubrecht Forest          | 4100          | 48     | 26.8         | 4/3     | 15.7         | 18.3                   | 20.6      |  |
| Seeley Lake k. S.        | 4030          | 48     | 11.9         | 4/1     | 9.2          | 11.3                   | 10.0      |  |
| Skalkaho Summit          | 7260          | 48     | 10.8         | -       | -            | 10.2                   | 9.8       |  |
| Bitterroot               |               |        |              |         |              |                        |           |  |
| Gibbons Pass             | 7100          | 48     | 7.1          | 3/27    | 3.6          | 5.6                    | 4.9       |  |
| Lolo Pass                | 5250          | 48     | 10.6         | 3/28    | 5.1          | 6.8                    | 6.1       |  |
| 2010 1430                |               | 40     | 10.0         | 3,20    | 3.1          | 0.0                    | 0.1       |  |
|                          | MISSOURI RI   | VER BA | SIN          |         |              |                        |           |  |
| Beaverhead               |               |        |              |         |              |                        |           |  |
| Lakeview                 | 6700          | 48     | 15.3         | 3/31    | 8.3          | 16.4                   | 9.9       |  |
| Madison                  |               |        |              |         |              |                        |           |  |
| West Yellowstone         | 6700          | 48     | 5.5          | 3/29    | 1.8          | 3.4                    | 2.8       |  |
|                          |               |        |              |         |              |                        |           |  |
| Gallatin<br>Bridger Bowl | 7250          | 48     | 17.0         | 3/25    | 15.0         | 15.2                   | 16.1      |  |
| College Site No. 2       | 4856          | 54     | 17.7         | 3/28    | 15.9         | 20.1                   | 17.1      |  |
| Lick Creek               | 6860          | 48     | 18.8         | 3/28    | 13.4         | 14.6                   | 16.9      |  |
| Twenty-One Mile          | 7150          | 48     | 10.0         | 3/29    | 3.1          | 8.0                    | 4.7       |  |
| iwency-one mile          | 7150          | 40     | 10.0         | 3/49    | 3.1          | 0.0                    | 4.7       |  |
| Missouri Main Stem       |               |        |              |         |              |                        |           |  |
| Kings Hill               | 7420          | 48     | 11.8         | 3/28    | 7.2          | 8.4                    | 6.8       |  |
| Stemple Pass             | 6350          | 48     | 5.9          | 4/1     | 3.7          | 5.6                    | 4.4       |  |
| Milk                     |               |        |              |         |              |                        |           |  |
| Beaver Creek             | 3950          | 48     | 20.9         | 3/28    | 9.1          | 8.2                    | 14.4      |  |
| Rocky Boy                | 4700          | 36     | 10.1         | 3/28    | 7.7          | 9.7                    | 7.9       |  |
| Yellowstone              |               |        |              |         |              |                        |           |  |
| Battle Ridge             | 6020          | 48     | 17.6         | 3/25    | 14.6         | 13.8                   | 13.8      |  |
| Northeast Entrance       | 7350          | 48     | 9.4          | -       | ~            | 5.8                    | 6.3       |  |
| PMC Dryland              | 3700          | 48     | 20.7         | 3/31    | 7.4          | 7.6                    | -         |  |
|                          |               |        |              |         |              |                        |           |  |
|                          |               |        |              |         |              |                        |           |  |



### RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

| RESERVOIR STORAGE (THE | Table Acre (Cot) END OF FION | 1                  |           | Usable Storage |          |
|------------------------|------------------------------|--------------------|-----------|----------------|----------|
| Basin or Stream        | RESERVOIR                    | Usable<br>Capacity | This Year | Last Year      | Average  |
|                        |                              |                    |           |                |          |
| COLUMBIA RIVER BASI    | N                            |                    |           |                |          |
| GODOLIDILI KIVDK DIGI  | <u></u>                      |                    |           |                |          |
| Kootenai               | Koocanusa                    | 5,694.0            | 768.9     | 1,061.0        | _        |
| Flathead               | Hungry Horse                 | 3,428.0            | 1,793.0   | 1,883.0        | 2,157.0  |
|                        | Flathead Lake                | 1,791.0            | 651.6     | 933.9          |          |
|                        | Camas (4)                    | 45.2               | 19.8      | 16.7           |          |
|                        | Mission Valley (8)           | 100.3              | 32.9      | 43.5           | 38.1     |
| Clark Fork             | Georgetown Lake              | 31.0               | 22.4      | 17.8           |          |
|                        | Lower Willow Creek           | 4.6                | 1.8       | 3.9            | 1.4      |
|                        | Nevada Creek                 | 12.6               | -         | -              | -        |
|                        | Noxon Rapids                 | 334.6              | 205.0     | 328.0          | 198.5    |
| Bitterroot             | Como                         | 34.9               | 6.3       | -              | 15.8     |
|                        | Painted Rocks                | 31.7               | -         | 0.0            | 20.2     |
|                        |                              |                    |           |                |          |
| MISSOURI RIVER BASIN   | 1                            |                    |           |                |          |
|                        | _                            |                    |           |                |          |
| Beaverhead             | Clark Canyon                 | <b>3</b> 28.9      | 124.8     | 152.2          | 145.6    |
|                        | Lima                         | 84.0               | 46.5      | 54.6           | 33.8     |
| Ruby                   | Ruby                         | 38.8               | 29.3      | 31.0           | 30.6     |
| Madison                | Hebgen Lake                  | 377.5              | 247.7     | 229.8          | 206.3    |
|                        | Ennis Lake                   | 41.0               | 34.4      | 37.8           | 36.3     |
| Gallatin               | Middle Creek                 | 8.0                | 4.3       | 4.4            | 3.9      |
| Missouri               | Canyon Ferry                 | 2,043.0            | 1,323.0   | 1,490.0        | 1,561.0  |
|                        | Hauser & Helena              | 61.9               | 63.0      | 62.5           | 54.2     |
|                        | Lake Helena                  | 10.4               | 10.9      | 10.7           | 8.3      |
|                        | Holter Lake                  | 81.9               | 79.9      | 80.4           | 57.9     |
|                        | Smith River                  | 10.6               | -         | 3.9            | 7.1      |
|                        | Bair                         | 7.0                | ~         | 3.4            | 5.4      |
|                        | Martinsdale                  | 23.1               | -         | 9.0            | 7.8      |
|                        | Deadman's Basin              | 72.2               | -         | 40.8           | 37.1     |
|                        | Fort Peck Lake               | 19,140.0           |           | 15,610.0       | 13,310.0 |
| Sun                    | Gibson                       | 104.8              | 61.7      | 44.5           | 43.6     |
|                        | Willow Creek                 | 32.2               | 24.4      | 21.4           | 21.0     |
|                        | Pishkun                      | 32.0               |           | 3.6            | 17.2     |
| Marias                 | Lower Two Medicine           | 11.9               | 6.3       | -              | -        |
|                        | Four Horns                   | 19.2               | 14.0      | -              | -        |
|                        | Swift                        | 30.0               | -         | -              | 19.7     |
|                        | Lake Frances                 | 111.9              | -         | -              | 79.3     |
|                        | Tiber                        | 1,347.0            | 486.1     | 545.2          | 598.9    |
| Milk                   | Beaver Creek                 | 3.5                | 1.5       | 0.0            | -        |
|                        | Fresno                       | 127.2              | 77.6      | 26.2           | 86.5     |
|                        | Nelson                       | 66.8               | 45.6      | 22.9           | 40.7     |
|                        | Lake Sherburne               | 66.2               | 19.6      | 39.9           | 24.7     |
| Yellowstone            | Mystic Lake                  | 21.0               | 4.0       | 7.0            | 4.7      |
|                        | Tongue River                 | 68.0               | -         | 36.8           | 38.4     |
| D4 1                   | Cooney                       | 27.4               | 12.2      | 18.2           | 15.6     |
| Bighorn                | Bighorn Lake                 | 1,356.0            | 735.0     | 848.6          | 796.2    |
|                        |                              |                    |           |                |          |



| STREAMFLOW FORECASTS                | THIS YEAR             |                       |          | PAST RECORD        |         |  |
|-------------------------------------|-----------------------|-----------------------|----------|--------------------|---------|--|
|                                     | FORE                  | CAST                  | FORECAST | THOUSAND ACRE FEET |         |  |
| BASIN, STREAM and/or FORECAST POINT | Thousand<br>Acre Feet | Percent of<br>Average | PERIOD   | Last Year          | Average |  |

|                           | COLUMBIA RIVER BA | SIN |          |      |             |
|---------------------------|-------------------|-----|----------|------|-------------|
| KOOTENAI RIVER            |                   |     |          |      |             |
| Libby (near) (2)          | 7830              | 105 | Apr-Sept | 9506 | 7456        |
| Below Libby Dam           | 6750              | 105 | Apr-July | 8320 | 6417        |
| ,                         | 5 <b>2</b> 60     | 105 | Apr-June | 6384 | 5011        |
| FISHER RIVER              |                   |     |          |      |             |
| Libby (near)              | 350               | 122 | Apr-Sept |      | <b>2</b> 86 |
|                           | 335               | 124 | Apr-July |      | <b>2</b> 69 |
| YAAK RIVER                |                   |     |          |      |             |
| Troy (near)               | 610               | 107 | Apr-Sept |      | 568         |
|                           | 590               | 108 | Apr-July |      | 544         |
| KOOTENAI RIVER            |                   |     |          |      |             |
| Leonia (at) (2)           | 9500              | 105 | Apr-Sept |      | 9073        |
|                           | 8400              | 106 | Apr-July |      | 7957        |
|                           | 6800              | 106 | Apr-June |      | 6431        |
| FLINT CREEK               |                   |     |          |      |             |
| Boulder Creek (below) (3) | 73.0              | 102 | Apr-Sept |      | 71.6        |
|                           | 59.0              | 105 | Apr-July |      | 56.1        |
| MIDDLE FORK ROCK CREEK    |                   |     |          |      |             |
| Philipsburg (near)        | 79.0              | 104 | Apr-Sept |      | 75.9        |
|                           | 7 <b>2.</b> 0     | 105 | Apr-July |      | 68.6        |
| NEVADA CREEK              |                   |     |          |      |             |
| Finn (near)               | 24.5              | 113 | Apr-Sept |      | 21.6        |
|                           | 23.0              | 114 | Apr-July |      | 20.1        |
| BLACKFOOT RIVER           |                   |     |          |      |             |
| Bonner (near)             | 1100              | 107 | Apr-Sept |      | 1031        |
|                           | 1000              | 107 | Apr-July |      | 934         |
|                           | 870               | 107 | Apr-June |      | 814         |
| CLARK FORK RIVER          |                   |     |          |      |             |
| Milltown (above) (4)      | 820               | 104 | Apr-Sept |      | 79 <b>2</b> |
|                           | 720               | 104 | Apr-July |      | 690         |
|                           | 620               | 105 | Apr-June |      | 590         |
| CLARK FORK RIVER          |                   |     |          |      |             |
| Missoula (above)          | 1920              | 105 | Apr-Sept | 2016 | 1823        |
|                           | 1720              | 106 | Apr-July | 1831 | 1624        |
|                           | 1490              | 106 | Apr-June | 1595 | 1404        |

<sup>(2)</sup> Adjusted for storage in Lake Koocanusa.

<sup>(3)</sup> Sum Flint Creek at Maxville and Boulder Creek at Maxville.

<sup>(4)</sup> Difference in observed flow Clark Fork above Missoula and Blackfoot near Bonner.



| STREAMFLOW FORECASTS                |                       | THIS YEA              | R         | PAST               | RECORD       |
|-------------------------------------|-----------------------|-----------------------|-----------|--------------------|--------------|
|                                     | FOR                   | ECAST                 | FORECAST  | THOUSAND ACRE FEET |              |
| BASIN, STREAM and/or FORECAST POINT | Thousand<br>Acre Feer | Percent of<br>Average | PERIOD    | Last Year          | Average      |
| WEST FORK BITTERROOT RIVER          | •                     |                       |           |                    |              |
| Conner (near) (5)                   | 205                   | 119                   | Apr-Sept  |                    | 172          |
| conner (near) (3)                   | 190                   | 122                   | Apr-July  |                    | 156          |
| BITTERROOT RIVER                    | 270                   |                       | 1192 0029 |                    | 250          |
| Darby (near)                        | 685                   | 117                   | Apr-Sept  | 73 <b>2</b>        | 584          |
|                                     | 640                   | 118                   | Apr-July  | 670                | 542          |
|                                     | 565                   | 118                   | Apr-June  | 589                | 479          |
| SKALKAHO CREEK                      |                       |                       | _         |                    |              |
| Hamilton (near)                     | 59                    | 104                   | Apr-Sept  |                    | 56.6         |
|                                     | 5 <b>2</b>            | 105                   | Apr-July  |                    | 49.6         |
| BURNT FORK CREEK                    |                       |                       |           |                    |              |
| Stevensville (near) (10)            | 38.7                  | 110                   | Apr-Sept  |                    | 35.3         |
|                                     | 34.0                  | 110                   | Apr-July  |                    | 31.0         |
| BITTERROOT RIVER                    |                       |                       |           |                    |              |
| Missoula (at) (6)                   | 1630                  | 107                   | Apr-Sept  | 73 <b>2</b>        | 1527         |
|                                     | 1520                  | 108                   | Apr-July  | 670                | 1412         |
|                                     | 1320                  | 107                   | Apr-June  | 589                | <b>12</b> 36 |
| CLARK FORK RIVER                    |                       |                       |           |                    |              |
| Missoula (below)                    | 3550                  | 106                   | Apr-Sept  |                    | 3350         |
|                                     | 3240                  | 107                   | Apr-July  |                    | 3036         |
| OM DEGIG DIVED                      | 2810                  | 106                   | Apr-June  |                    | 2640         |
| ST. REGIS RIVER                     | 270                   | 117                   | A C 4     |                    | 225          |
| St. Regis (near)                    | 370<br>350            | 114<br>114            | Apr-Sept  |                    | 325          |
| CLARK FORK RIVER                    | 330                   | 114                   | Apr-July  |                    | 308          |
| St. Regis (at)                      | 4700                  | 104                   | Apr-Sept  | 58 <b>2</b> 4      | 4507         |
| bt. Regis (at)                      | 4300                  | 105                   | Apr-July  | 5358               | 4087         |
|                                     | 3700                  | 104                   | Apr-June  | 4633               | 3563         |
| NORTH FORK FLATHEAD RIVER           | 3700                  | 104                   | npr sanc  | 4033               | 3303         |
| Columbia Falls (near)               | 2060                  | 103                   | Apr-Sept  |                    | 1991         |
|                                     | 1860                  | 103                   | Apr-July  |                    | 1813         |
|                                     | 1600                  | 103                   | Apr-June  |                    | 1551         |
| MIDDLE FORK FLATHEAD RIVER          |                       |                       |           |                    |              |
| West Glacier (near)                 | 1780                  | 93                    | Apr-Sept  | 2601               | 1917         |
|                                     | 1660                  | 94                    | Apr-July  | 2413               | 1768         |
|                                     | 1420                  | 94                    | Apr-June  | 1973               | 1514         |
| SOUTH FORK FLATHEAD RIVER           |                       |                       |           |                    |              |
| Columbia Falls (near) (7)           | 2300                  | 97                    | Apr-Sept  | 3092               | 2378         |
|                                     | 2150                  | 96                    | Apr-July  | <b>2</b> 946       | 2240         |
|                                     | 1900                  | 96                    | Apr-June  | <b>24</b> 96       | 1984         |

<sup>(5)</sup> Adjusted for storage in Painted Rocks Reservoir.

<sup>(6)</sup> Difference in observed flow Clark Fork above and below Missoula.

<sup>(7)</sup> Adjusted for storage in Hungry Horse Reservoir.

<sup>(10)</sup> Adjusted for diversion into Sunset Highline Canal.



| STREAMFLOW FORECASTS                |                       | THIS YEAR             |            |                    |               |
|-------------------------------------|-----------------------|-----------------------|------------|--------------------|---------------|
|                                     | FORE                  | CAST                  | FORECAST   | THOUSAND ACRE FEET |               |
| BASIN, STREAM and/or FORECAST POINT | Thousand<br>Acre Feet | Percent of<br>Average | PERIOD     | Last Year          | Average       |
| FLATHEAD RIVER                      |                       |                       |            |                    |               |
| Columbia Falls (at) (7)             | 6200                  | 97                    | Apr-Sept   | 8649               | 6421          |
| Coldmbia rails (at) (/)             | 5800                  | 97                    | Apr-July   | 8056               | 5942          |
|                                     | 5050                  | 98                    | Apr-June   | 6667               | 5151          |
| SWAN RIVER                          | 5050                  | 90                    | Ap1-Julie  | 0007               | 3131          |
| Big Fork (near)                     | 710                   | 99                    | Apr-Sept   |                    | 717           |
| DIG TOTA (Meat)                     | 630                   | 100                   | Apr-July   |                    | 630           |
| FLATHEAD RIVER                      | 030                   | 100                   | Apr-Jury   |                    | 030           |
| Polson (near) (8)                   | 7400                  | 97                    | Apr-Sept   | 10341              | 7648          |
| roison (near) (o)                   | 6900                  | 97                    | Apr-July   | 9718               | 7082          |
|                                     | 5900                  | 97                    | Apr-June   | 8062               | 6113          |
| CLARK FORK RIVER                    | 3900                  | 91                    | Ap1-3 dile | 0002               | 0115          |
| Plains (near) (8)                   | 12600                 | 100                   | Apr-Sept   | 16349              | 12601         |
| riams (mear) (0)                    | 11540                 | 100                   | Apr-July   | 15128              | 11523         |
|                                     | 9900                  | 100                   | Apr-June   | 12596              | 9934          |
| THOMPSON RIVER                      | 7,00                  | 100                   | npi -5 anc | 12370              | )) <b>3</b> 4 |
| Thompson Falls (near)               | 305                   | 110                   | Apr-Sept   |                    | 277           |
| mompoon raits (mear)                | <b>2</b> 75           | 111                   | Apr-July   |                    | 248           |
| PROSPECT CREEK                      | 273                   | ***                   | npi dary   |                    | 2.40          |
| Thompson Falls (at)                 | 160                   | 109                   | Apr-Sept   |                    | 147           |
| mompoon raits (at)                  | 150                   | 109                   | Apr-July   |                    | 137           |
| CLARK FORK RIVER                    | 150                   | 10)                   | Apr-Jury   |                    | 101           |
| Whitehorse Rapids (at) (9)          | 14200                 | 101                   | Apr-Sept   |                    | 14336         |
| miremorae napida (at) ())           | 13050                 | 102                   | Apr-July   |                    | 13086         |
|                                     | 11200                 | 101                   | Apr-June   |                    | 11325         |
|                                     | 11200                 | 101                   | Apr =June  |                    | 11343         |

<sup>(7)</sup> Adjusted for storage in Hungry Horse Reservoir.

<sup>(8)</sup> Adjusted for storage in Hungry Horse Reservoir and Flathead Lake.

<sup>(9)</sup> Adjusted for storage in Hungry Horse, Flathead Lake, and Noxon Rapids Reservoirs.



| STREAMFLOW FORECASTS                  |                                       | THIS YEA              | PAST RECORD |            |          |
|---------------------------------------|---------------------------------------|-----------------------|-------------|------------|----------|
|                                       | FOR                                   | ECAST                 | FORECAST    | THOUSAND A | CRE FEET |
| BASIN, STREAM and/or FORECAST POINT   | Thousand<br>Acre Feet                 | Percent of<br>Average | PERIOD      | Last Year  | Average  |
|                                       | · · · · · · · · · · · · · · · · · · · | •                     |             | ·          |          |
| MISSO                                 | OURI RIVER BA                         | ASIN                  |             |            |          |
| BEAVERHEAD RIVER                      |                                       |                       |             |            |          |
| Grant (near) (11) (12)                | 168                                   | 116                   | Apr-Sept    | 151        | 145      |
|                                       | 150                                   | 118                   | Apr-July    | 116        | 127      |
| RUBY RIVER                            |                                       |                       |             |            |          |
| Alder (near)                          | 99.0                                  | 105                   | Apr-Sept    |            | 93.9     |
| · · · · · ·                           | 84.0                                  | 106                   | Apr-July    |            | 79.4     |
| BIG HOLE RIVER                        |                                       |                       |             |            |          |
| Melrose (near)                        | 850                                   | 114                   | Apr-Sept    |            | 748      |
|                                       | 790                                   | 114                   | Apr-July    |            | 694      |
| BIRCH CREEK                           |                                       |                       |             |            |          |
| Glen (near)                           | 15.2                                  | 111                   | Apr-Sept    |            | 13.7     |
| , ,                                   | 12.8                                  | 111                   | Apr-July    |            | 11.5     |
| JEFFERSON RIVER                       |                                       |                       | . ,         |            |          |
| Silver Star (at) (12)                 | 1080                                  | 111                   | Apr-Sept    |            | 970      |
|                                       | 960                                   | 111                   | Apr-July    |            | 865      |
| WILLOW CREEK                          |                                       |                       |             |            |          |
| Harrison (near)                       | 21.0                                  | 111                   | Apr-Sept    |            | 18.9     |
| · · · · · · · · · · · · · · · · · · · | 19.0                                  | 111                   | Apr-July    |            | 17.1     |
| MADISON RIVER                         |                                       |                       |             |            |          |
| Grayling (near) (13)                  | 515                                   | 107                   | Apr-Sept    | 605        | 480      |

410

915

735

580

500

110

111

113

109

111

Apr-July

Apr-Sept

Apr-July

Apr-Sept

Apr-July

486

1025

840

374

828

652

531

451

MADISON RIVER

GALLATIN RIVER

Gateway (near)

McAllister (near) (14)

<sup>(11)</sup> Adjusted for storage in Lima Reservoir.

<sup>(12)</sup> Adjusted for storage in Clark Canyon Reservoir.

<sup>(13)</sup> Adjusted for storage in Hebgen Lake.

<sup>(14)</sup> Adjusted for storage in Hebgen and Ennis Lakes.



| STREAMFLOW FORECASTS                |                       | PAST RECORD           |                      |           |            |
|-------------------------------------|-----------------------|-----------------------|----------------------|-----------|------------|
|                                     | FOR                   | CAST                  | FORECAST             | THOUSAND  | ACRE FEET  |
| BASIN, STREAM and/or FORECAST POINT | Thousand<br>Acre Feet | Percent of<br>Average | PERIOD               | Last Year | Average    |
| HYALITE CREEK                       | •                     |                       |                      |           |            |
| Bozeman (near) (15)                 | 47.0                  | 106                   | Apr-Sept             |           | 44.2       |
|                                     | 41.0                  | 107                   | Apr-July             |           | 38.2       |
| GALLATIN RIVER                      |                       |                       |                      |           |            |
| Logan (at)                          | 630                   | 110                   | Apr-Sept             |           | 573        |
|                                     | 540                   | 111                   | Apr-July             |           | 487        |
| MISSOURI RIVER                      |                       |                       |                      |           |            |
| Toston (at) (16)                    | <b>2</b> 750          | 113                   | Apr-Sept             | 2742      | 2432       |
|                                     | <b>2</b> 400          | 114                   | Apr-July             | 2410      | 2109       |
| SHEEP CREEK                         |                       |                       |                      |           |            |
| White Sulphur Springs (near)        | 20.7                  | 100                   | Apr-Sept             | 29.7      | 20.6       |
|                                     | 18.0                  | 100                   | Apr-July             | 26.3      | 18.0       |
| SUN RIVER                           |                       |                       |                      |           |            |
| Gibson Dam (at) (17)                | 515                   | 87                    | Apr-Sept             | 624       | 590        |
|                                     | <b>4</b> 70           | 87                    | Apr-July             | 569       | 541        |
| BELT CREEK                          | 100                   | 7.06                  |                      |           | 100        |
| Monarch (near)                      | 130                   | 106                   | Apr-Sept             |           | 123        |
| NE GGOVEZ DEVIED                    | 120                   | 106                   | Apr-July             |           | 113        |
| MISSOURI RIVER                      | 2000                  | 100                   | A                    |           | 2600       |
| Fort Benton (at) (18)               | 3900                  | 106                   | Apr-Sept             |           | 3690       |
| THE MEDICANE CREEK                  | 3350                  | 107                   | Apr-July             |           | 3123       |
| TWO MEDICINE CREEK                  | 235                   | 93                    | Ann Cont             |           | 253        |
| Browning (near) (19)                | 235<br>225            | 93<br>94              | Apr-Sept<br>Apr-July |           | 233<br>240 |
| BADGER CREEK                        | 223                   | 74                    | Apr-Jury             |           | 240        |
| Browning (near)                     | 116                   | 89                    | Apr-Sept             |           | 130        |
| blowning (near)                     | 100                   | 88                    | Apr-July             |           | 113        |
| MARIAS RIVER                        | 100                   | 00                    | riprodry             |           | 113        |
| Shelby (near) (20)                  | 510                   | 91                    | Apr-Sept             | 554       | 559        |
| 5                                   | 490                   | 91                    | Apr-July             | 518       | 538        |

<sup>(15)</sup> Adjusted for storage in Middle Creek Reservoir.

<sup>(16)</sup> Adjusted for storage in Hebgen and Ennis Lakes and Clark Canyon Reservoir.

<sup>(17)</sup> Adjusted for storage in Gibson Reservoir and diversions.

<sup>(18)</sup> Adjusted for storage in Canyon Ferry Reservoir.

<sup>(19)</sup> Adjusted for storage in Two Medicine Reservoir and diversions into Two Medicine Canal.

<sup>(20)</sup> Adjusted for storage in Two Medicine, Four Horns, Lake Frances, and Swift Reservoirs.



| STREAMFLOW FORECASTS                | THIS YEAR             |                       |          | PAST RECORD        |         |
|-------------------------------------|-----------------------|-----------------------|----------|--------------------|---------|
| BASIN, STREAM and/or FORECAST POINT | FORE                  | FORECAST              |          | THOUSAND ACRE FEET |         |
|                                     | Thousand<br>Acre Feet | Percent of<br>Average | PERIOD   | Last Year          | Average |
| AT COURT DIVER                      | •                     |                       |          |                    |         |
| MISSOURI RIVER                      | 4550                  | 105                   | A G      |                    | 4342    |
| Virgelle (at) (21)                  |                       | 105                   | Apr-Sept |                    |         |
| COUNT FORK THREET REFER             | 3950                  | 106                   | Apr-July |                    | 3742    |
| SOUTH FORK JUDITH RIVER             | 15                    | 101                   | A C t-   |                    | 1/. (   |
| Utica (near)                        | 15                    | 101                   | Apr-Sept |                    | 14.9    |
| ALCCOURT BILLIER                    | 14                    | 102                   | Apr-July |                    | 13.7    |
| MISSOURI RIVER                      | 5000                  | 100                   |          |                    | 1700    |
| Landusky (near) (21)                | 5000                  | 106                   | Apr-Sept |                    | 4739    |
| JORNA HODY MAGGET CHELT DIVIDE      | 4350                  | 107                   | Apr-July |                    | 4068    |
| NORTH FORK MUSSELSHELL RIVER        | 6 7                   | 1.00                  |          |                    |         |
| Delpine (near)                      | 6.7                   | 108                   | Apr-Sept |                    | 6.2     |
| COUNTY HODY MAGGET GUELT DIVIDE     | 5.7                   | 106                   | Apr-July |                    | 5.4     |
| SOUTH FORK MUSSELSHELL RIVER        | 50                    | 106                   |          |                    | F0 1    |
| Martinsdale (above)                 | 53                    | 106                   | Apr-Sept |                    | 50.1    |
| CONTRACTOR OF THE                   | 50                    | 106                   | Apr-July |                    | 47.3    |
| ITSSOURI RIVER                      | 4000                  | 107                   |          |                    | 1500    |
| Fort Peck Dam (below) (22)          | 4900                  | 107                   | Apr-Sept |                    | 4598    |
|                                     | 4350                  | 107                   | Apr-July |                    | 4069    |
| MILK RIVER                          | ***                   |                       | _        |                    |         |
| Eastern Crossing (at)               | <b>2</b> 60           | 100                   | Apr-Sept |                    | 260     |
|                                     |                       |                       |          |                    |         |
| MISSOURI RIVER                      | 5000                  |                       |          |                    |         |
| Wolf Point (near) (22)              | 5300                  | 108                   | Apr-Sept |                    | 4898    |
|                                     | 4700                  | 108                   | Apr-July |                    | 4361    |
| AISSOURI RIVER                      |                       |                       |          |                    |         |
| Williston, N.D. (near) (29)         | 12500                 | 106                   | Apr-Sept |                    | 11778   |
|                                     | 11200                 | 107                   | Apr-July |                    | 10437   |
|                                     |                       |                       |          |                    |         |
| SASKAT                              | CHEWAN RIVER          | BASIN                 |          |                    |         |
| ST. MARY RIVER                      |                       |                       |          |                    |         |
| Babb (near) (30)                    | 490                   | 100                   | Apr-Sept |                    | 489     |
|                                     | 425                   | 102                   | Apr-July |                    | 421     |

<sup>(21)</sup> Adjusted for storage in Canyon Ferry and Tiber Reservoirs.

<sup>(22)</sup> Adjusted for storage in Canyon Ferry, Tiber, and Fort Peck Reservoirs.

<sup>(29)</sup> Adjusted for storage in Canyon Ferry, Tiber, Fort Peck, Buffalo Bill, Boysen, and Yellowtail Reservoirs. Sum Yellowstone River near Sidney and Missouri River near Culbertson.

<sup>(30)</sup> Adjusted for storage in Lake Sherburne.



| STREAMFLOW FORECASTS                | THIS YEAR             |                       |          | PAST RECORD        |           |
|-------------------------------------|-----------------------|-----------------------|----------|--------------------|-----------|
|                                     | FORECAST              |                       | FORECAST | THOUSAND ACRE FEET |           |
| BASIN, STREAM and/or FORECAST POINT | Thousand<br>Acre Feet | Percent of<br>Average | PERIOD   | Last Year          | 。 Average |

| YELLOWSTONE RIVER BASIN |            |            |           |                       |                      |  |  |  |
|-------------------------|------------|------------|-----------|-----------------------|----------------------|--|--|--|
| YELLOWSTONE RIVER       |            |            |           |                       |                      |  |  |  |
| Corwin Springs (at)     | 2050       | 103        | Apr-Sept  | 2720                  | 1996                 |  |  |  |
|                         | 1720       | 103        | Apr-July  | 2335                  | <b>1</b> 66 <b>2</b> |  |  |  |
| YELLOWSTONE RIVER       |            |            |           |                       |                      |  |  |  |
| Livingston (near)       | 2420       | 104        | Apr-Sept  |                       | 2317                 |  |  |  |
|                         | 2020       | 105        | Apr-July  |                       | <b>192</b> 6         |  |  |  |
| BOULDER RIVER           | /05        | 107        | A C t-    |                       | 379                  |  |  |  |
| Big Timber (at)         | 405<br>380 | 107<br>109 | Apr-Sept  |                       | 379                  |  |  |  |
| STILLWATER RIVER        | 300        | 109        | Apr-July  |                       | 330                  |  |  |  |
| Absarokee (near) (25)   | 625        | 106        | Apr-Sept  |                       | 591                  |  |  |  |
| Absarokee (Mear) (25)   | 540        | 109        | Apr-July  |                       | 494                  |  |  |  |
| CLARKS FORK RIVER       |            | ~~~        |           |                       |                      |  |  |  |
| Belfry (near)           | 625        | 103        | Apr-Sept  |                       | 607                  |  |  |  |
|                         | 565        | 103        | Apr-July  |                       | 546                  |  |  |  |
| ROCK CREEK              |            |            |           |                       |                      |  |  |  |
| Red Lodge (near)        | 115        | 105        | Apr-Sopt  | <b>13</b> 8           | 110                  |  |  |  |
|                         | 90         | 107        | Apr-July  | 117                   | 84.0                 |  |  |  |
| YELLOWSTONE RIVER       | / 570      | 100        |           | 5110                  | 1016                 |  |  |  |
| Billings (at)           | 4570       | 108        | Apr-Sept  | 5449<br>46 <b>5</b> 9 | 4246<br>3613         |  |  |  |
| BIGHORN RIVER           | 3945       | 109        | Apr-July  | 4039                  | 3013                 |  |  |  |
| St. Xavier (near) (26)  | 1900       | 103        | Apr-Sept  |                       | 1849                 |  |  |  |
| St. Navier (hear) (20)  | 1750       | 103        | Apr-July  |                       | 1706                 |  |  |  |
| LITTLE BIGHORN RIVER    | 2,30       | 100        | TIPL OULS |                       | 2,00                 |  |  |  |
| Lodgegrass (near) (28)  | 150        | 103        | Apr-Sept  |                       | 146                  |  |  |  |
|                         | 135        | 105        | Apr-July  |                       | 129                  |  |  |  |
| YELLOWSTONE RIVER       | •          |            |           |                       |                      |  |  |  |
| Miles City (at) (27)    | 6650       | 104        | Apr-Sept  |                       | 6378                 |  |  |  |
|                         | 5900       | 106        | Apr-July  |                       | 5555                 |  |  |  |
| YELLOWSTONE RIVER       | 7050       | 106        |           |                       | (((5                 |  |  |  |
| Sidney (near) (27)      | 7050       | 106        | Apr-Sept  |                       | 6665                 |  |  |  |
|                         | 6350       | 108        | Apr-July  |                       | 5895                 |  |  |  |

<sup>(25)</sup> Adjusted for storage in Mystic Lake.

<sup>(26)</sup> Adjusted for storage in Buffalo Bill, Boysen, Bull Lake, and Yellowtail Reservoirs.

<sup>(27)</sup> Adjusted for storage in Buffalo Bill, Boysen, and Yellowtail Reservoirs.

<sup>(28)</sup> Sum Little Bighorn below Pass Creek and Lodgegrass Creek near Wyola.



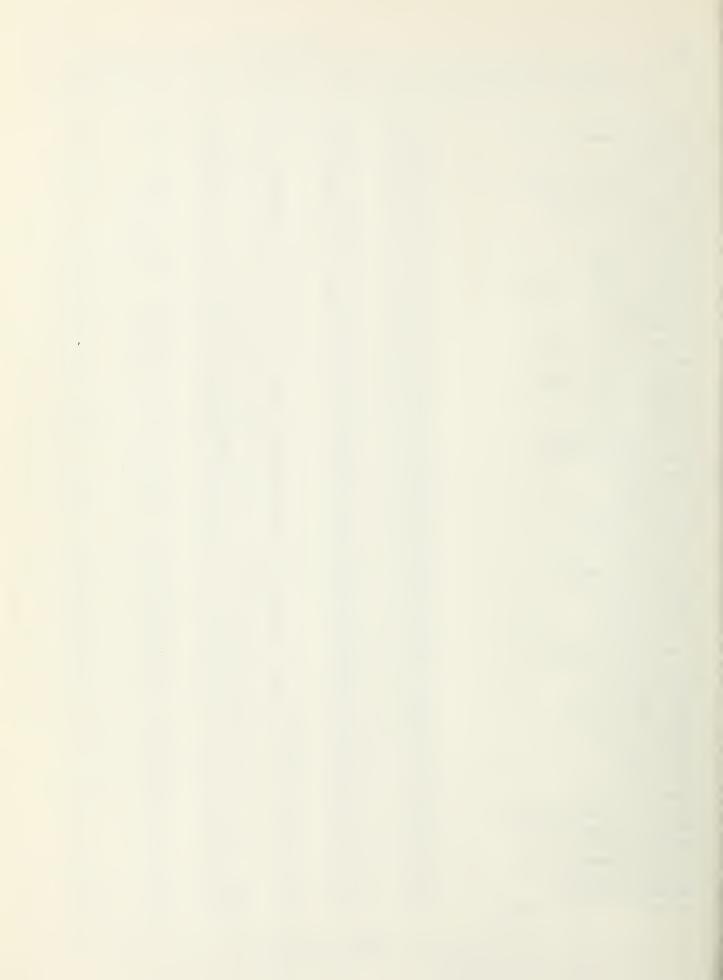
| SNOW                              | (            |           | THIS YEAR  | Y             | PAST RE      | CORD        |
|-----------------------------------|--------------|-----------|------------|---------------|--------------|-------------|
| DRAINAGE BASIN and/or SNOW COURSE |              | Date      | Snow Depth | Water Content | Water Conte  | nt (inches) |
| NAME                              | Elevation    | of Survey | (Inches)   | (Inches)      | Last Year    | Average     |
|                                   |              |           |            |               |              |             |
| ABUNDANCE LAKE                    | 8800         | 3/31      | 65         | 21.2          | 31.8         | 20.9        |
| AMBROSE                           | 6480         | 3/31      | 52         | 15.3          | 16.4         | 13.8        |
| ARCH FALLS                        | 7350         | 3/27      | 58         | 16.6          | 14.4         | 14.0        |
| BALD EAGLE PEAK                   | 5700         | 3/27      | 183        | 70.2          | 92.0         | 68.0        |
| BALD RIDGE                        | 7500         | 3/31      | 61         | 17.4          | 13.2         | 14.0        |
| BANFIELD MOUNTAIN                 | 5600         | 3/28      | 82         | 30.0          | 36.2         | 25.5        |
| BANFIELD MOUNTAIN PILLOW          | 5600         | 3/28      | SP         | 26.5          | 33.0         | 21.8        |
| BAREE CREEK                       | 5500         | 4/01      | 144        | 59.1          | 75.0         | 49.4        |
| BAREE MIDWAY                      | 4600         | 4/01      | 125        | 49.8          | 54.1         | 37.7        |
| BAREE TRAIL                       | 3800         | 4/02      | 45         | 15.3          | 15.4         | 9.6         |
| BASSOO PEAK                       | 5150         | 3/27      | 50         | 16.4          | 14.6         | 12.0        |
| BATTLE RIDGE                      | 6020         | 3/25      | 38         | 10.9          | 7.5          | 7.4         |
| BEAR BASIN                        | 8150         | 3/25      | 76         | 24.8          | 28.2         | 22.4        |
| BEAR MOUNTAIN (ID)                | 5400         | 3/26      | 182        | 70.2          | -            | 65.7        |
| BEAR PAW SKI AREA                 | 5200         | 3/28      | 38         | 8.6           | 8.4          | 6.3         |
| BERRY MEADOW                      | 7000         | 3/24      | 34         | 9.0           | 11.1         | 8.3         |
| BIG COULEE                        | 5100         | 3/31      | 41         | 8.4           | 8.5          |             |
| BIG CREEK                         | 6750         | 3/26      | 123        | 43.5          | 59.1         | 49.7        |
| BIG SKY M.V.                      | 7450         | 3/26      | 58         | 15.8          | 23.9         | ***         |
| BIG SNOWY                         | 7150         | 4/01      | 80         | 25.8          | 24.4         | 19.9        |
| BIG SPRINGS (ID)                  | 6500         | 3/28      | 71         | 22.6          | 30.0         | 21.3        |
| BLACK BEAR                        | 7950         | 3/31      | 117        | 43.4          | 66.8         | 000         |
| BLACK BEAR PILLOW                 | 7950         | 3/31      | SP         | 38.0          | 60.2         | -           |
| BLACK PINE                        | 7100         | 3/27      | 49         | 14.6          | 18.3         | 14.0        |
| BLACK PINE PILLOW                 | 7100         | 3/27      | SP         | 15.6          | 17.3         | 14.2        |
| BLOODY DICK                       | 7600         | 3/27      | 57         | 17.0          | 17.8         | 14.0        |
| BLUE LEDGE MINE (ID)              | 6700         | 3/31      | 68         | 23.4          | 23.3         | 17.2        |
| BOTS SOTS                         | 8000         | 3/31      | 46         | 11.0          | 7.7          |             |
| BOULDER MOUNTAIN                  | 7950         | 3/24      | 64         | 21.1          | 27.8         | 19.5        |
| BRANHAM LAKES                     | 8850         | 3/31      | 86         | 30.8          | 44.5         | 31.6        |
| BRIDGER BOWL                      | 7250         | 3/25      | 82         | 26.7          | 32.0         | 30.8        |
| BRIDGER BOWL PILLOW               | 7250         | 3/25      | SP         | 24.0          | 34.1         | 29.6        |
| BRISTOW CREEK BRUSH CREEK TIMBER  | 3900         | 3/26      |            |               | 17.6<br>13.0 |             |
| BULL MOUNTAIN                     | 5000<br>6600 | 4/01      |            | 12.6          |              | 10.9        |
| CALL ROAD                         | 8050         | 4/01      |            | 14.5          |              |             |
| CALVERT CREEK                     | 6450         | 3/28      |            | 13.4          |              |             |
| CAMP CREEK (ID)                   | 6800         | 3/29      |            | 14.6          | 10.9         |             |
| CAMP MISERY                       | 6400         | 3/27      |            | 52.2          | 71.1         | 49.6        |
| CAMP SENIA                        | 7890         | 3/31      | 37         | 9.2           |              | 7.2         |
| CANYON (WY)                       | 7750         | 4/01      | 53         | 14.4          |              |             |
| CARROT BASIN                      | 9000         | 3/31      | 112        | 41.2          |              |             |
| CARROT BASIN PILLOW               | 9000         | 3/31      | SP         | 27.1          |              | 28.6        |
| CARTER CREEK                      | 7400         | 3/29      |            | 6.3           |              | 6.4         |
| CEDAR GROVE                       | 4100         | 3/27      | 56         | 17.5          |              |             |
| CHESSMAN RESERVOIR                | 6200         | 3/31      | 28         | 7.2           | 4.5          | 3.3         |
| CLOVER MEADOW                     | 8600         | 4/01      | 67         | 21.2          |              | 18.7        |
| COLE CREEK                        | 7850         | 3/28      | 67         | 19.6          |              | m           |
|                                   |              |           |            |               |              |             |



| SNOW                              | (         |           | THIS YEAR  |               | PAST RI     | ECORD       |
|-----------------------------------|-----------|-----------|------------|---------------|-------------|-------------|
| DRAINAGE BASIN and/or SNOW COURSE |           | Date      | Snow Depth | Water Content | Water Conte | nt (inches) |
| NAME                              | Elevation | of Survey | (inches)   | (Inches)      | Last Year   | Average     |
|                                   |           |           |            |               |             |             |
| COLE CREEK PILLOW                 | 7850      | 3/28      | SP         | 18.4          | _           | _           |
| COLLEY CREEK                      | 6300      | 3/31      | 46         | 11.9          | 8.2         | _           |
| COMBINATION                       | 5600      | 3/27      | 31         | 7.4           | 9.3         | 0 1         |
| COMBINATION PILLOW                | 5600      | 3/27      | SP         | 7.9           | 8.3         | 8.1         |
| COOKE STATION                     | 8150      | 3/29      | 68         | 20.7          | 23.1        | 20.5        |
| COPPER BOTTOM                     | 5200      | 3/28      | 40         | 11.1          | 15.0        | 20.5        |
| COPPER CAMP                       | 6950      | 3/25      | 86         | 30.7          | 42.0        | _           |
| COPPER CREEK                      | 5700      | 3/28      | 52         | 16.2          | 19.0        | 16.3        |
| COPPER LAKE CREEK                 | 6100      | 3/20      | 75         | 26.3          | 31.6        | 10,0        |
| COPPER MOUNTAIN                   | 7700      | 4/02      | 50         | 15.5          | 14.7        | 12.3        |
| COTTONWOOD CREEK                  | 6400      | 3/26      | 34         | 9.6           | 9.6         | 75.0        |
| COYOTE HILL                       | 4200      | 3/27      | 43         | 14.5          | 13.4        | 10.5        |
| CREVICE MOUNTAIN                  | 8400      | 3/28      | 48         | 12.4          | 14.0        | 10.6        |
| CRYSTAL LAKE                      | 6100      | 4/01      | 66         | 17.5          | 15.8        | 14.5        |
| DAD CREEK LAKE                    | 8400      | 4/01      | 55         | 16.0          | 19.6        |             |
| DAISY PEAK                        | 7600      | 3/28      | 49         | 12.9          | 13.1        | 15.3        |
| DALY CREEK                        | 5780      | 3/26      | 50         | 13.8          | - L.O. e.s. | 11.6        |
| DARKHORSE LAKE                    | 8600      | 4/01      | 88         | 35.2          | 39.7        | 28.0        |
| DAVIS CREEK                       | 5400      | 3/25      | 87         | 29.9          | 39.9        | 26.5        |
| DEADMAN CREEK                     | 6450      | 3/28      | 0          | 11.8          | 13.3        | 12.7        |
| DESERT MOUNTAIN                   | 5600      | 3/28      | 52         | 16.4          | 22.0        | 17.2        |
| DEVILS SLIDE                      | 8100      | 3/27      | 83         | 24.1          | 25.5        | 24.7        |
| DISCOVERY BASIN                   | 7050      | 3/28      | 46         | 12.8          | -           | w.          |
| DIVIDE                            | 7800      | 4/01      | 47         | 13.6          | 16.6        | 11.6        |
| DIX HILL                          | 6400      | 3/31      | 39         | 11.8          | 10.5        |             |
| EAGLE CREEK                       | 7000      | 3/31      | 59         | 18.8          | 18.4        | 14.9        |
| EAST FORK R.S.                    | 5400      | 3/31      | 29         | 8.7           | 8.1         | 6.7         |
| EL DORADO MINE                    | 7800      | 3/25      | 76         | 22.4          | 23.7        | 23.1        |
| ELK HORN SPRINGS                  | 7800      | 4/01      | 39         | 10.8          | 13.1        | 9.7         |
| ELK PEAK                          | 8000      | 3/25      | 65         | 20.4          | 19.2        | 19.2        |
| FATTY CREEK                       | 5500      | 3/25      | 83         | 26.8          | 32.1        | 24.8        |
| FISHER CREEK                      | 9100      | 3/29      | 117        | 40.2          | 56.0        | 38.5        |
| FISHER CREEK PILLOW               | 9100      | 3/29      | SP         | 38.1          | 53.1        | 35.0        |
| FLEECER RIDGE                     | 7500      | 4/01      | 45         | 13.0          | 15.0        |             |
| FOOLHEN                           | 8280      | 3/31      | 57         | 18.2          |             | 18.2        |
| FOREST LAKE                       | 6400      | 3/31      | 54         | 17.0          | -           | 12.7        |
| FOUR MILE                         | 6900      | 3/25      | 37         | 9.7           | 12.0        | 9.1         |
| FRED BURR PASS                    | 8000      | 3/27      | 80         | 25.3          |             | 28.2        |
| FROHNER MEADONS                   | 6480      | 3/25      | 41         | 9.8           | 11.3        | -           |
| FROHNER MEADOWS PILLOW            | 6480      | 3/25      | SP         | 9.7           | 10.9        | -           |
| GARVER CREEK                      | 4250      | 3/25      | 44         | 14.8          | 16.9        | 12.8        |
| GARVER CREEK PILLOW               | 4250      | 3/25      | SP         | 12.8          | 16.6        | 10.4        |
| GIBBONS PASS                      | 7100      | 3/26      | 88         | 28.6          | 32.9        |             |
| GOLD CREEK LAKE                   | 7200      | 3/25      | 59         | 16.2          |             |             |
| GOLD STONE                        | 8100      | 3/27      | 66         | 21.2          | 22.4        | 17.9        |
| GRASSHOPPER                       | 7000      | 3/25      | 30         | 7.6           |             | 5.9         |
| GRAVES CREEK                      | 4300      | 3/24      | 64         | 20.1          | 26.9        |             |
| GRIFFIN CREEK DIVIDE              | 5150      | 3/25      | 50         | 16.8          | 15.6        | 12.4        |
| GRIZZLY PEAK                      | 8400      | 3/28      | 59         | 17.0          | 13.7        |             |
| HALVERSON CREEK (ID)              | 4850      | 3/26      | 144        | 53.6          | **          | 50.7        |
|                                   |           |           |            |               |             | *           |



| SNOW                              |           |           | THIS YEAR  |               | PAST RECORD |              |  |
|-----------------------------------|-----------|-----------|------------|---------------|-------------|--------------|--|
| DRAINAGE BASIN and/or SNOW COURSE |           | Date      | Snow Depth | Water Content | Water Conti | ent (inches) |  |
| NAME                              | Elevation | of Survey | (Inches)   | (Inches)      | Last Year   | Average      |  |
| (10 H) 10 H 10 H                  |           |           |            |               |             |              |  |
| HAWKINS LAKE                      | 6450      | 3/25      | 101        | 36.6          | 51.7        | 32.8         |  |
| HAWKINS LAKE PILLOW               | 6450      | 3/25      | SP         | 33.0          | 50.3        | 30.4         |  |
| HAYMAKER                          | 8050      | 4/01      | 53         | 13.9          | -           | 13.6         |  |
| HEART LAKE TRAIL                  | 4800      | 4/01      | 86         | 28.7          | 33.0        | 23.4         |  |
| HELL ROARING DIVIDE               | 5770      | 4/02      | 95         | 36.7          | 48.6        | 34.0         |  |
| HIGHWOOD DIVIDE                   | 5650      | 3/31      | 45         | 11.0          | 10.0        |              |  |
| HIGHWOOD STATION                  | 4600      | 3/31      | 30         | 7.0           | 4.2         | 600          |  |
| HOLBROOK                          | 4530      | 3/30      | 39         | 11.6          | 13.2        | 10.5         |  |
| HOOD MEADOW                       | 6600      | 3/27      | 51         | 14.2          | 12.4        | 12.0         |  |
| HOODOO BASIN                      | 6000      | 4/01      | 149        | 56.8          | 73.6        | 53.8         |  |
| HOODOO BASIN PILLOW               | 6000      | 3/31      | SP         | 51.9          | -           | 53.3         |  |
| HOODOO CREEK                      | 5900      | 4/01      | 142        | 51.8          | 67.7        | 50.3         |  |
| INDEPENDENCE                      | 7850      | 4/01      | 70         | 22.8          | 25.8        | 19.1         |  |
| INTERGAARD                        | 6450      | 4/01      | 39         | 10.9          | 11.2        | 9.2          |  |
| ISLAND PARK (ID)                  | 6310      | 3/28      | 68         | 20.8          | 22.3        | 16.4         |  |
| JACK CREEK                        | 7500      | 3/26      | 34         | 7.7           | 7.4         | 6.1          |  |
| JAHNKE LAKE TRAIL                 | 7200      | 3/27      | 47         | 13.1          | 14.1        | 9.7          |  |
| JOHNSON PARK                      | 6450      | 3/28      | 35         | 9.2           | 6.2         | 7.2          |  |
| KEELER CREEK                      | 3300      | 3/26      | 54         | 20.3          |             | 11.1         |  |
| KILGORE (ID)                      | 6200      | 5/31      | 43         | 14.4          | 12.0        | 10.9         |  |
| KING CREEK SADDLE                 | 4550      | 4/01      | 23         | 5.1           | . 0         | -            |  |
| KING SPRINGS                      | 4150      | 4/01      | 18         | 4.0           | • 0         |              |  |
| KINGS HILL                        | 7500      | 4/03      | 55         | 16.2          | 19.6        | 15.2         |  |
| KISHENEHN                         | 3890      | 3/25      | 40         | 10.5          | 10.5        | 8.4          |  |
| KIT CARSON (ID)                   | 5020      | 3/31      | 41         | 13.8          | 14.8        | 9.1          |  |
| KIWANIS CAMP                      | 3720      | 3/28      | 19         | 3.9           | . 1         | m            |  |
| LAKE CAMP (WY)                    | 7850      | 1/51      | 39         | 9.3           | 12.7        | 9.9          |  |
| LAKE CREEK                        | 6100      | 4/01      | 38         | 11.2          | 7.8         | 7.5          |  |
| LAKEVIEW CANYON                   | 6930      | 3/31      | 54         | 16.2          | 16.8        | 13.6         |  |
| LAKEVIEW RIDGE                    | 7400      | 3/31      | 48         | 14.2          | 15.2        | 11.6         |  |
| LEMHI PASS                        | 7480      | 4/01      | 42         | 12.0          | 10.4        | 9.2          |  |
| LEMHI RIDGE                       | 8100      | 4/01      | 50         | 14.6          | 13.8        | 10.4         |  |
| LICK CREEK                        | 6860      | 3/27      | 50         | 13.1          | 10.5        | 10.6         |  |
| LICK CREEK PILLOW                 | 6860      | 3/27      | SP         | 12.4          | 9.0         | 10.6         |  |
| LITTLE PARK                       | 7400      | 3/26      | 61         | 18.8          |             | 17.0         |  |
| LOGAN CREEK                       | 4300      | 3/26      |            | 10.4          | 9.8         | 8.0          |  |
| LOLO PASS (ID)                    | 5230      | 3/21      | 98         | 34.8          | 41.2        | 32,8         |  |
| LONE MOUNTAIN                     | 8880      | 3/26      | 84         | 25.4          | -           |              |  |
| LOOKOUT (ID)                      | 5250      | 3/28      | 119        | 42.4          | 46.9        | 38.7         |  |
| LOST HORSE                        | 5940      | 3/28      | 106        | 38.2          | 48.8        | 33.7         |  |
| LOST SOUL                         | 4800      | 3/20      | 60         | 20.9          | 24.5        | 17.2         |  |
| LOWER TWIN                        | 7900      | 3/25      | 72         | 24.0          | 29.4        | 22.5         |  |
| LUBRECHT FLUME                    | 4800      | 3/28      | 31         | 9.0           | 8.8         | 5.1          |  |
| LUBRECHT FLUME PILLOW             | 4800      | 3/28      | SP         | 6.1           | 8.0         | 5.7          |  |
| LUBRECHT FOREST # 3               | 5450      | 3/28      | 37         | 10.1          | 9.2         | 7.4          |  |
| LUBRECHT FOREST # 4               | 4650      | 4/08      | 16         | 4.7           | 4.1         | 2.8          |  |
| LUBRECHT FOREST # 6               | 4040      | 4/05      | 19         | 6.0           | 4.6         | 3.8          |  |
| LUBRECHT HYDROPLOT                | 4200      | 3/28      | 26         | 8.2           | 7.8         | 3.2          |  |
| MADISON PLATEAU                   | 7750      | 3/31      | 71         | 26.1          | 35,6        | 22.3         |  |
| MADISON PLATEAU PILLOW            | 7750      | 3/31      | SP         | 24.9          | 37.6        | 23.2         |  |
| Tan Year                          |           | -,        | 91         | En 1 0 7      |             | - U = E      |  |



| SNOW                              |           | THIS YEAR |            |               | PAST RECORD |                |  |
|-----------------------------------|-----------|-----------|------------|---------------|-------------|----------------|--|
| DRAINAGE BASIN and/or SNOW COURSE |           | Date      | Snow Depth | Water Content | Water Conte | nt (inches)    |  |
| NAME                              | Elevation | of Survey | (Inches)   | (Inches)      | Last Year   | Average        |  |
| MAD-40 DASO                       |           |           |            |               |             |                |  |
| MARIAS PASS                       | 5250      | 4/02      | 60         | 20.6          | 19.1        | 19.6           |  |
| MAYNARD CREEK                     | 6210      | 3/25      | 57         | 17.0          | 19.1        | 19.4           |  |
| MAYNARD CREEK PILLOW              | 6210      | 3/25      | SP         | 12.8          | 13.4        | 12.7           |  |
| MEADOW CREEK PILLOW               | 4000      | 3/31      | SP         | 10.2          | •           | 40             |  |
| MIDDLE MILL CREEK                 | 7850      | 3/31      | 61         | 20.8          | 24.8        | 16.6           |  |
| MILL CREEK                        | 7500      | 3/31      | 64         | 18.8          | 12.7        | 14.3           |  |
| MINERAL CREEK                     | 4000      | 3/20      | 72         | 21.5          | 23.0        | 20.0           |  |
| MISSION MOUNTAIN                  | 5050      | 4/01      | 27         | 6.0           | . 0         | -              |  |
| MONUMENT PEAK                     | 8800      | 4/01      | 92         | 30.6          | 36.2        | 27.8           |  |
| MOOSE CREEK (ID)                  | 6200      | 3/31      | 72         | 21.4          | 21.8        | 16.9           |  |
| MOUNT LOCKHART                    | 6400      | 3/28      | 70         | 23.2          | 29.4        | 25.0           |  |
| MUDD LAKE                         | 7650      | 3/28      | 66         | 22.6          | 28.2        | 23.0           |  |
| NEW, WORLD                        | 6900      | 3/25      | 55         | 17.4          | 16.8        | 16.3           |  |
| NEZ PERCE CAMP                    | 5580      | 3/31      | 58         | 19.8          | 23.6        | 15.3           |  |
| NEZ PERCE CREEK                   | 6500      | 4/02      | 35         | 10.1          | 9.0         | 6.8            |  |
| NEZ PERCE PASS                    | 6570      | 3/31      | 67         | 24.1          | 25.4        | 17.3           |  |
| NOISY BASIN                       | 6040      | 3/27      | 128        | 48.6          | 62.3        | **             |  |
| NOISY BASIN PILLOW                | 6040      | 3/27      | SP         | 40.0          | •           |                |  |
| NOISY CREEK                       | 3600      | 3/27      | 26         | 7.1           | 3.9         | stan           |  |
| NORRIS BASIN (WY)                 | 7500      | 4/01      | 43         | 12.6          | 14.3        | 11.0           |  |
| NORTH FK. ELK CREEK               | 6250      | 3/28      | 51         | 16.2          | 15.0        | 12.7           |  |
| NORTH FK. ELK CREEK PILL          | 6250      | 3/28      | SP         | 16.0          | 15.3        | 13.1           |  |
| NORTH FORK JOCKO                  | 6330      | 3/27      | 136        | 52.1          | 52.2        | 49.6           |  |
| NORTH MEADOW                      | 7500      | 3/25      | 40         | 10.2          | 12.8        | 9.2            |  |
| NORTHEAST ENTRANCE                | 7400      | 4/01      | 42         | 13.4          | 11.4        | 9.5            |  |
| NOTCH                             | 8500      | 4/01      | 65         | 20.4          | 23.8        | 16.3           |  |
| OPHIR PARK                        | 7150      | 3/31      | 60         | 19.2          | 20.8        |                |  |
| PALISADE CREEK                    | 8250      | 3/28      | 84         | 30.0          | 44.1        | 31.4           |  |
| PETERSON MEADOWS                  | 7200      | 3/27      | 45         | 10.0          | 11.2        |                |  |
| PETERSON MEADOWS PILLOW           | 7200      | 3/27      | SP         | 11.5          | 12.0        | 40             |  |
| PICKET PIN LOWER                  | 6200      | 4/02      | 24         | 7.0           | . 0         | •              |  |
| PICKET PIN MIDDLE                 | 7250      | 4/02      | 65         | 24.0          | 12.2        | •              |  |
| PICKET PIN UPPER                  | 8100      | 4/02      | 75         | 25.6          | 23.3        | •              |  |
| PICNIC GROUNDS                    | 6200      | 4/01      | 25         | 5.7           | 6.5         | 4.6            |  |
| PIPESTONE PASS                    | 7200      | 4/02      | 33         | 9.0           | 6.0         | 6.2            |  |
| POORMAN CREEK                     | 5100      | 3/27      | 114        | 41.3          | 52.8        | 38.0           |  |
| POORMAN CREEK PILLOW              | 5100      | 3/27      | SP         | 41.3          | 52.5        | 32.1           |  |
| PORCUPINE R.S.                    | 6500      | 3/31      | 41         | 11.2          | 7.2         | 8.1            |  |
| POTOMAGETON PARK                  | 7150      | 3/27      | 61         | 17.4          | 19.9        | 15.3           |  |
| RED MOUNTAIN                      | 6000      | 3/28      | 69         | 23.7          | 30.1        | 20.1           |  |
| ROCK CREEK                        | 5600      | 4/01      | 51         | 13.8          | 8.4         | 10.2           |  |
| ROCKER PEAK                       | 8000      | 3/24      | 53         | 15.4          | 16.8        | 16.7           |  |
| ROCKER PEAK PILLOW                | 8000      | 3/24      | SP         | 14.5          | 17.5        | 16.7           |  |
| ROCKY BOY                         | 4700      | 3/28      | 31         | 6.5           | 5.8         | 4.7            |  |
| ROCKY BOY PILLOW                  | 4700      | 3/28      | SP         | 6.0           | 2.4         | 5.1            |  |
| SACAJAWEA                         | 6550      | 3/25      | 58         | 18.0          | 14.9        | 15.3           |  |
| SADDLE MOUNTAIN                   | 7940      | 3/27      | 93         | 30.3          | 35.4        | 26.4           |  |
| SADDLE MOUNTAIN PILLOW            | 7940      | 3/27      | SP         | 30.2          | 39.0        | 28.2           |  |
| SAWTELL MOUNTAIN (ID)             | 8710      | 3/28      | 110        | 35.2          | 48.8        | 35.3           |  |
| SENTINEL CREEK                    | 8300      | 3/27      | 85         | 25.6          | 31.2        | 24.6           |  |
|                                   | J- 00     |           |            |               | 7.0         | , ; <b></b> Ci |  |



| SNOW                              | 1            |              | THIS YEAR  |               | PAST R      | ECORD        |
|-----------------------------------|--------------|--------------|------------|---------------|-------------|--------------|
| DRAINAGE BASIN and/or SNOW COURSE |              | Date         | Snow Depth | Water Content | Water Conte | nt (inches)  |
| NAME                              | Elevation    | of Survey    | (Inches)   | (Inches)      | Last Year   | Average      |
| SHOWER FALLS                      |              | 7.407        |            |               | 74. 5       |              |
| SHOWER FALLS PILLOW               | 8100         | 3/27         | 94         | 29.3          | 34,6        | 26.1         |
| SILVER RUN                        | 8100         | 3/27         | SP         | 27.8          | 25.0        | 26.3         |
| SKALKAHO SUMMIT                   | 6630         | 3/31         | 33         | 7.4           | 7. 0        | -            |
| SLAG-A-MELT LAKE                  | 7260         | 3/31         | 85         | 31.2          | 31.9        | 27.4         |
| SLIDE ROCK MOUNTAIN               | 8750         | 4/01         | 82         | 30.6          | 41.3        | 27.8         |
| SMUGGLER MINE                     | 7100         | 3/25         | 60         | 18.4          | 22.6        | 18.0         |
| SOUTH FORK SHIELDS                | 6960         | 3/31         | 45         | 13.8          | 14.8        | 11.1         |
| SPUR PARK                         | 8100         | 3/31         | 85         | 28.6          | 29.4        | 26.1         |
| SPUR PARK PILLOW                  | 8000         | 3/28         | 65         | 22.3          | 25.4        | 23.8         |
| STAHL PEAK                        | 8100         | 3/28         | SP         | 22.5          | 26.3        | 23.5         |
| STEMPLE PASS                      | 6050         | 3/24<br>4/05 | 113        | 39.8          | 58.4        | 41.4         |
| STORM LAKE                        | 6600         |              | 47         | 14.0          | 12.4        | 11.4         |
| STUART MILL                       | 7780         | 3/27         | 52         | 14.0          | 14.0        | 15.0         |
| SUCKER CREEK                      | 6500         | 4/01         | 36         | 9.8           | 8.9         | 7.5          |
| SUGARLOAF                         | 3960         | 3/28         | 12         | 1.2           | .1          | ***          |
| SYLVAN PASS (WY)                  | 7358         | 3/26         | 44         | 11.9          | 11.7        | 5 * 0        |
| TARGHEE PASS (ID)                 | 7100         | 4/02         | 50         | 14.1          | 17.7        | 13.8         |
| TAYLOR ROAD                       | 7000         | 3/25         | 59         | 17.5          | 18.0        | 16.2         |
| TEN MILE LOWER                    | 4080         | 3/28         | 28         | 5.9           | .1          | 100 E)       |
| TEN MILE MIDDLE                   | 6600         | 3/31<br>4/01 | 40         | 10.2          | 9.4         | 7.8          |
| TEN MILE UPPER                    | 6800         | 4/01         | 53<br>54   | 15.4          | 14.2        | 12.6         |
| TEPEE CREEK                       | 8000         | 4/01         | 62         | 16.5          | 17.4        | 15.0         |
| TEPEE CREEK PILLOW                | 8000         | 4/01         | SP         | 19.8          | 20.4        | 16.4         |
| THUMB DIVIDE (WY)                 | 8000<br>7900 | 3/26         | 67         | 15.7<br>17.9  | 18.5        | 20.0         |
| TIMBERLINE CREEK                  | 8850         | 3/31         | 65         | 16.9          | 14.9        | 22.2         |
| TRAIL CREEK                       | 7090         | 4/01         | 40         | 11.6          | 10.6        | 16.1         |
| TWELVEMILE CREEK                  | 5600         | 3/28         | 78         | 26.0          | 34.4        | 9.0          |
| TWELVEMILE CREEK PILLOW           | 5600         | 3/28         | SP         | 21.8          | 30.9        | 21.1         |
| TWIN LAKES                        | 6510         | 3/28         | 128        | 46.8          | 59.8        | 18.6<br>43.7 |
| TWIN LAKES PILLOW                 | 6400         | 3/28         | SP         | 45.9          | 55.4        | 42.7         |
| VALLEY VIEW (ID)                  | 6500         | 3/28         | 61         | 19.2          | 19.7        | 17.7         |
| WALDRON                           | 5600         | 3/28         |            | 11.6          |             |              |
| WEASEL DIVIDE                     | 5450         | 3/24         |            | 38.0          |             | 36.4         |
| WEST ROSEBUD                      | 7500         | 3/27         |            | 14.2          |             | 12.4         |
| WEST YELLOWSTONE PILLOW           | 6700         | 3/29         |            | 8.8           |             | 8.8          |
| WHISKEY CREEK                     | 6800         | 3/31         | 70         | 23.4          |             | 22.1         |
| WHISKEY CREEK PILLOW              | 6800         | 3/31         | SP         | 17.4          |             | e € 0 1      |
| WHITE ELEPHANT (ID)               | 7700         | 3/28         | 87         | 27.7          |             | es es        |
| WHITE MILL                        | 8700         | 3/29         | 88         | 28.7          |             | 27.7         |
| WHITE MILL PILLOW                 | 8700         | 3/29         | SP         | 26.2          | 34.9        |              |
| WHITE PINE RIDGE                  | 8850         | 4/01         | 30         | 5.9           |             | 5.7          |
| WILLOW CREEK                      | 6500         | 3/28         | 39         | 9.2           | 8.1         | 2 · /        |
| HA-FOR WINE!                      | 5000         | 0,20         | 97         | 7 4 6         | 0           | -            |



| WONS                              |               |                   | THIS YEAR  | 7                         | PAST R                 | ECORD   |
|-----------------------------------|---------------|-------------------|------------|---------------------------|------------------------|---------|
| DRAINAGE BASIN and/or SNOW COURSE |               | Date<br>of Survey | Snow Depth | Water Content<br>(Inches) | Water Content (inches) |         |
| NAME                              | Elevation     |                   | (Inches)   |                           | Last Year              | Average |
|                                   | LATE AR       | RIVING D          | <u>ATA</u> |                           |                        |         |
| BADGER PASS                       | 6900          | 4/6               | 106        | 44.0                      | 49.6                   | 42.0    |
| BEAVER LAKE                       | 5900          | 4/6               | 7 <b>2</b> | 27.4                      | 33.4                   | 25.1    |
| BLUE LAKE                         | 59 <b>0</b> 0 | 4/6               | 80         | 30.0                      | 36.0                   | 28.2    |
| CABIN CREEK                       | 5200          | 4/1               | 27         | 7.0                       | 7.9                    | 7.4     |
| FIVE BULL                         | 5700          | 4/6               | 29         | 10.2                      | 7.9                    | 7.5     |
| FREIGHT CREEK                     | 6000          | 4/6               | 52         | 18.0                      | 20.4                   | 16.8    |
| GOAT MOUNTAIN                     | 7000          | 4/4               | 42         | 10.4                      | 13.4                   | 11.8    |
| GUNSIGHT LAKE                     | 6300          | 4/6               | 114        | 47.3                      | 51.4                   | 42.9    |
| HEBGEN DAM                        | 6550          | 4/2               | 5 <b>2</b> | 15.6                      | 16.0                   | 11.6    |
| SPOTTED BEAR                      | 700 <b>0</b>  | 4/6               | 54         | 17.2                      | 22.2                   | 15.8    |
| TRINKUS LAKE                      | 6100          | 4/6               | 120        | 49.7                      | 56.0                   | 46.5    |
| TV MOUNTAIN                       | 6800          | 4/4               | 66         | 22.0                      | 24.6                   | 20.3    |
|                                   |               |                   |            |                           |                        |         |

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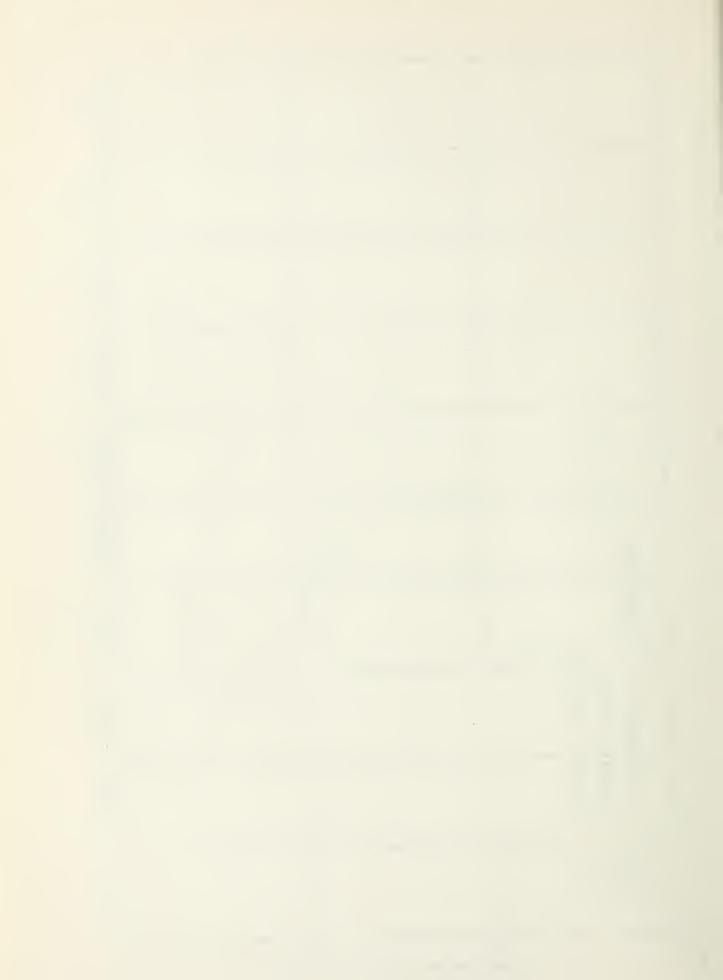
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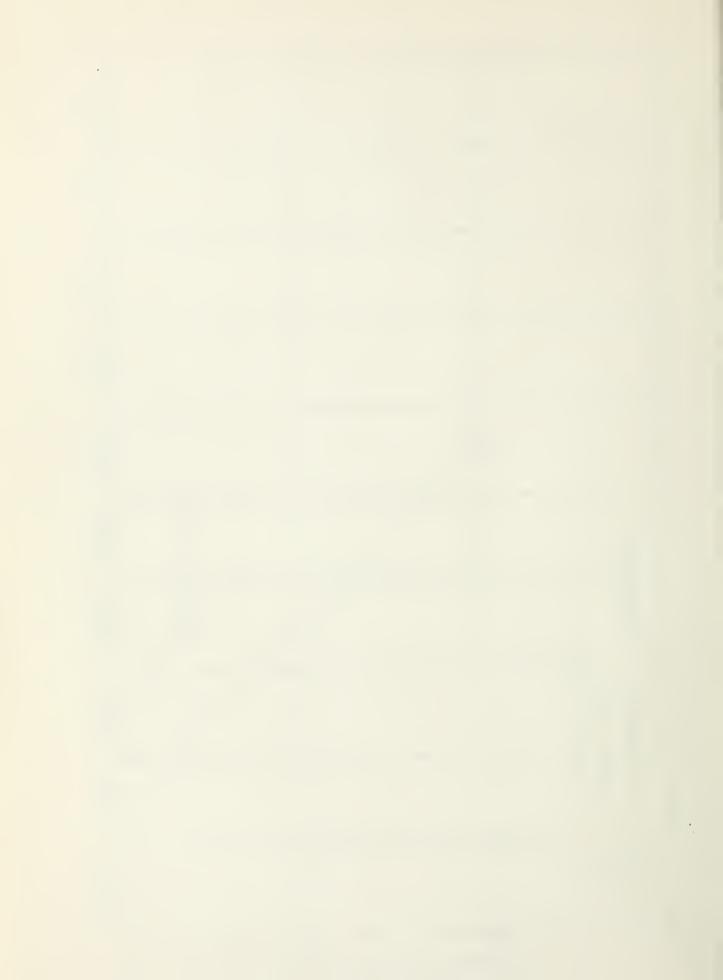
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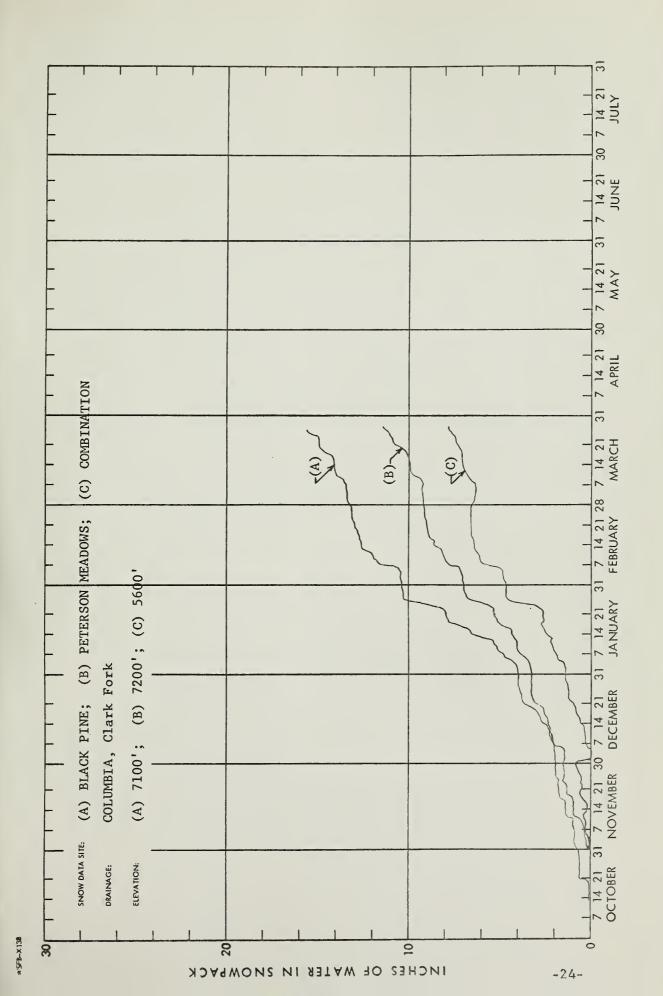


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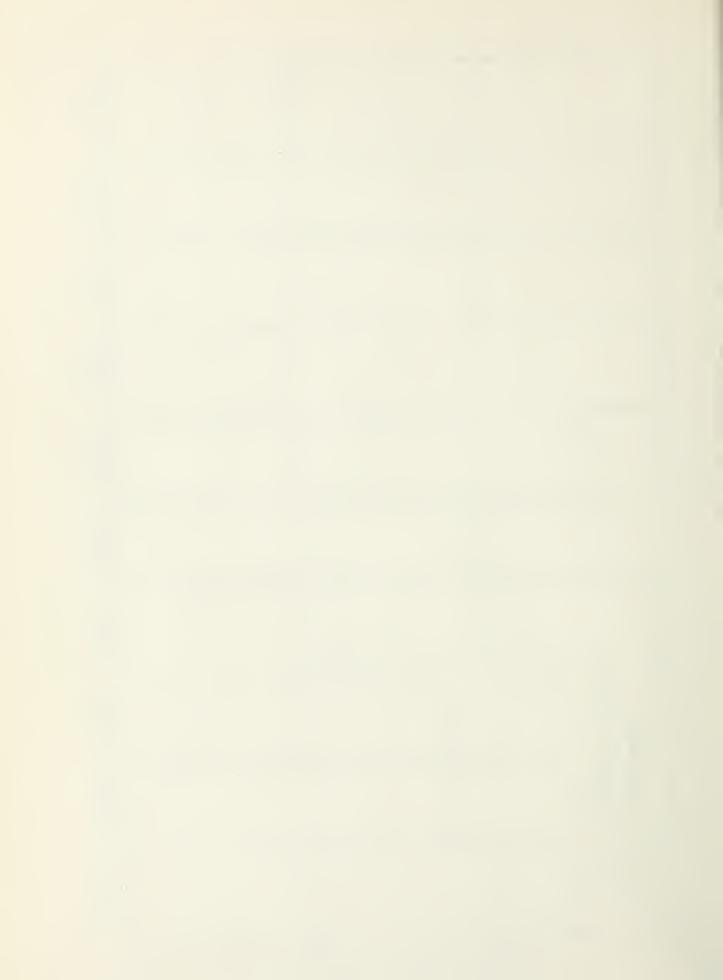
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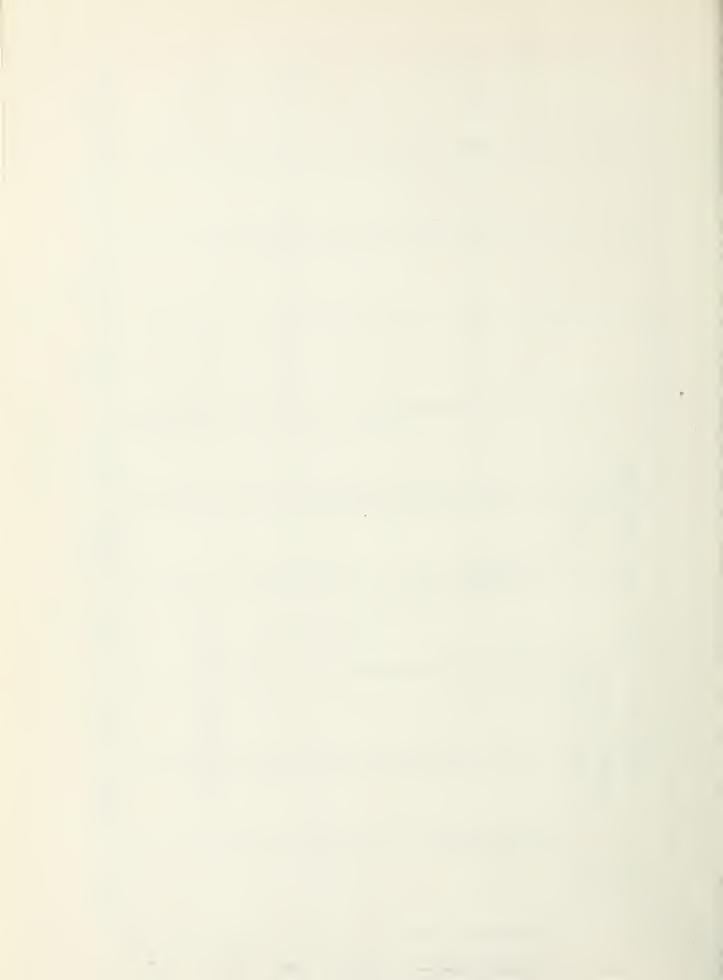




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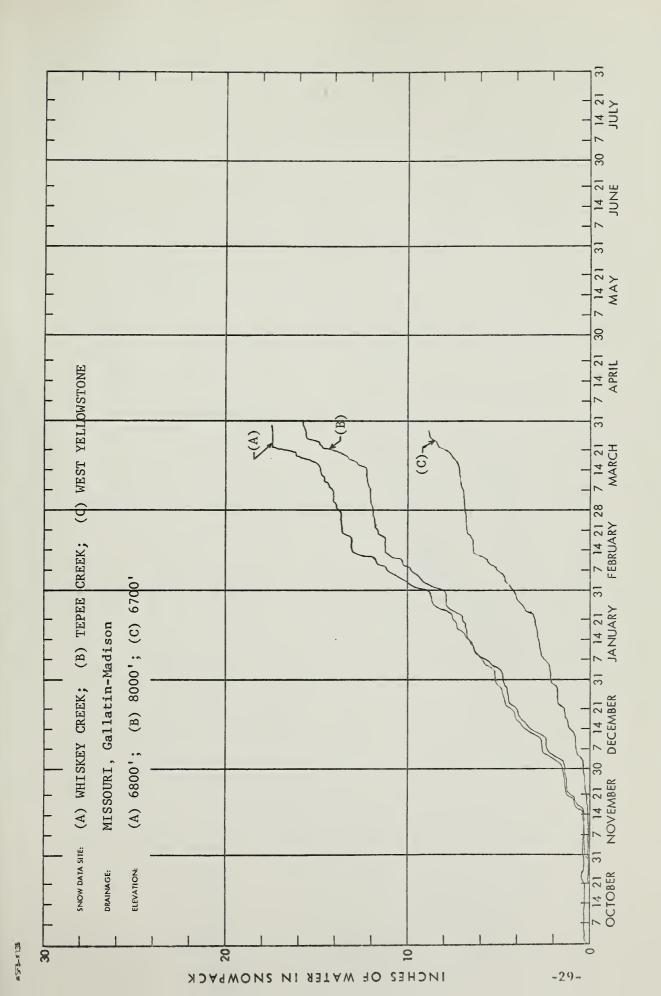
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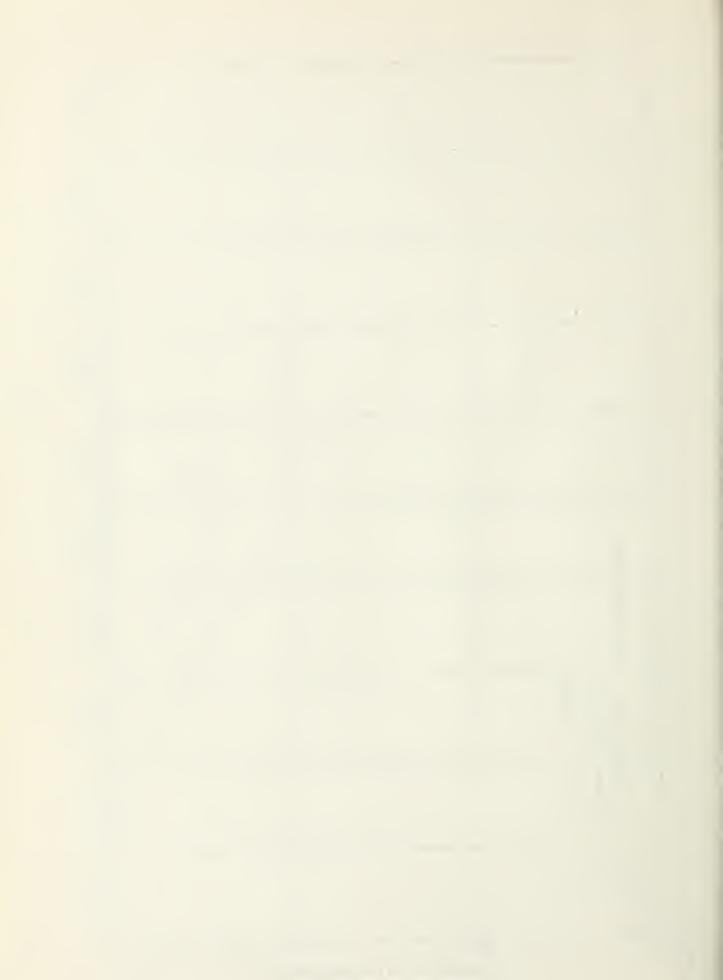




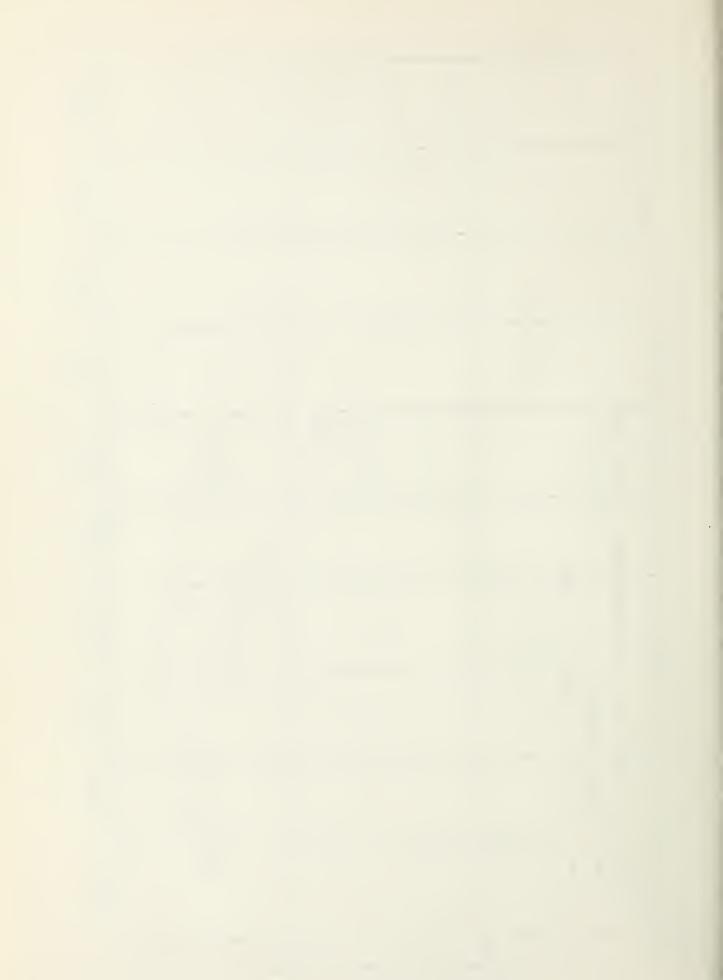


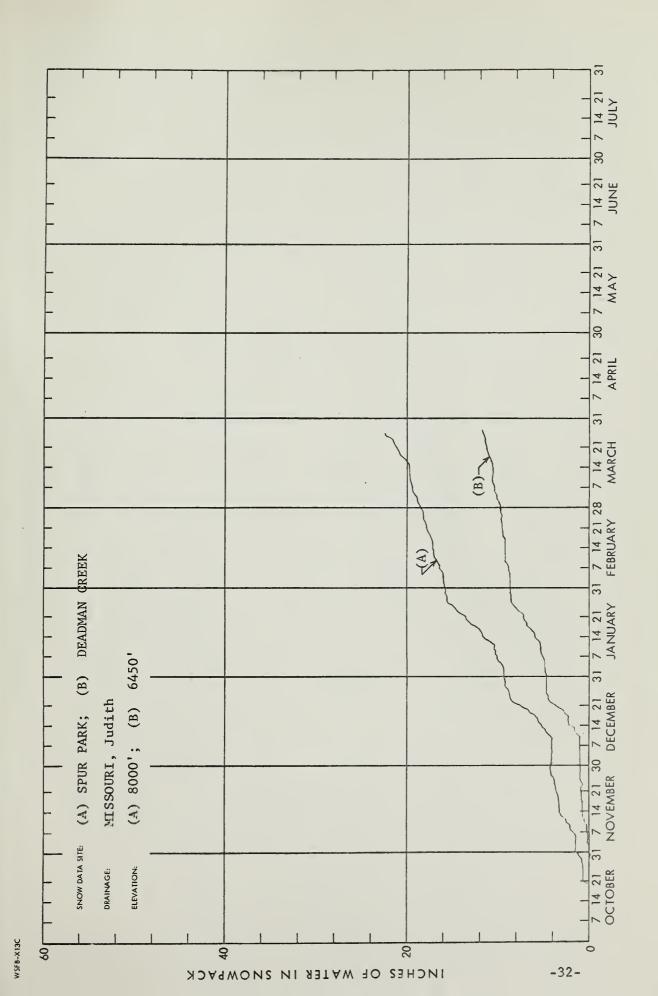


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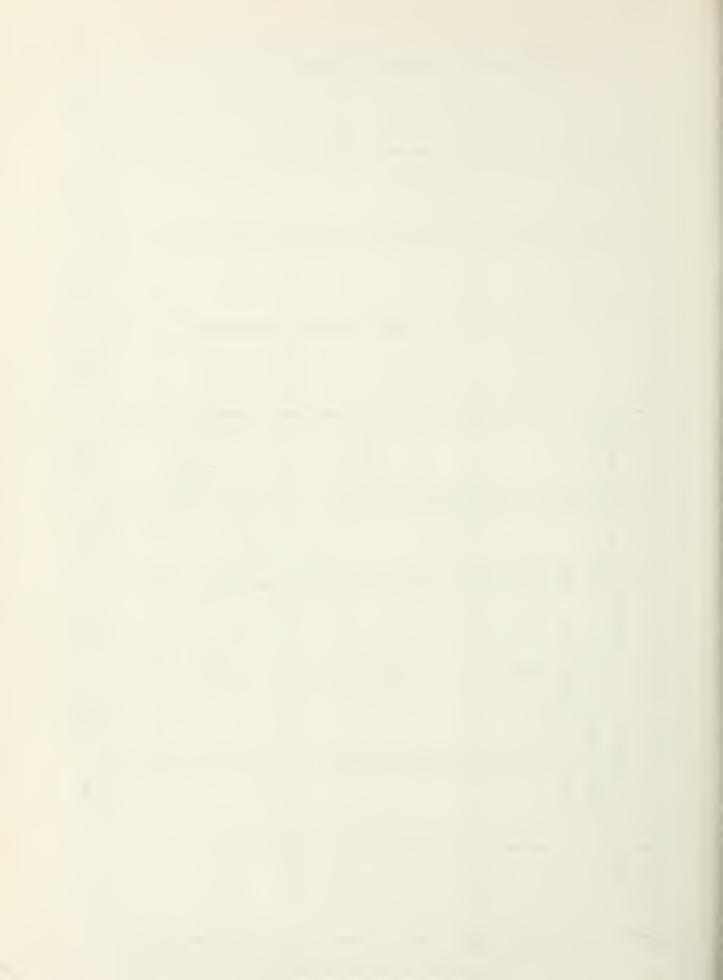
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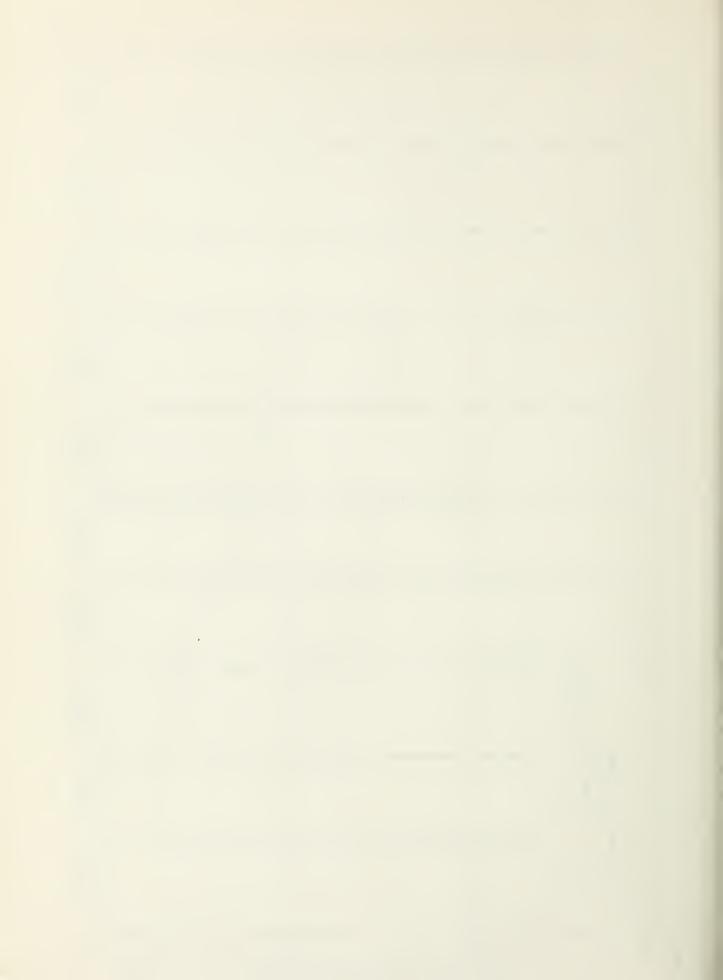


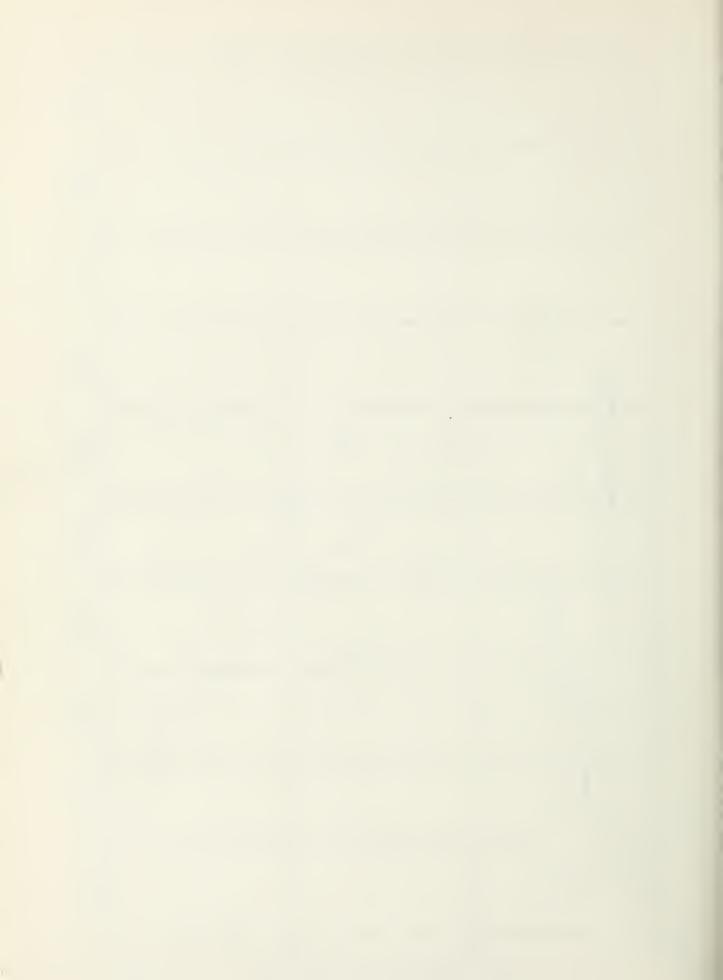


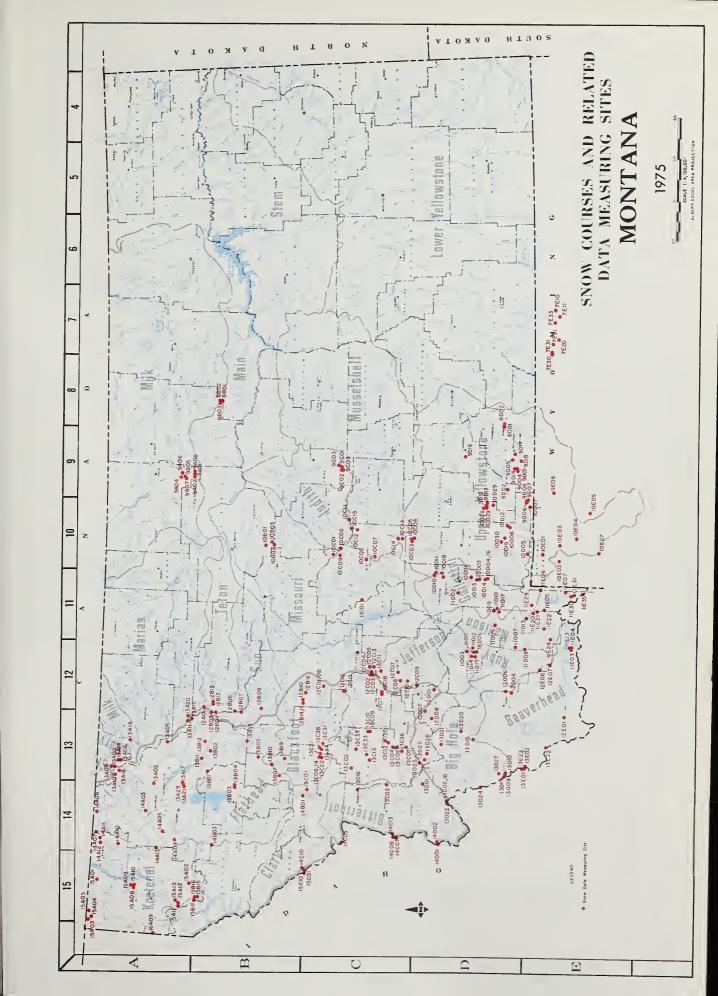
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|             | Drainage Basin<br>& Snow Course   | THOM - MANAGEMENT                       | Badger Pass Badger Pass Badger Pass Cobin Greek Cobin Greek Freight Greek Wann Lockhort Waldron Waltes Pass Wann Lockhort Wann Ridge  | Avalanche 815 Stour Creatal Lake Rock Greek Spur Park Wilcox Ranch   | MUDSELSTELL MVER<br>Dagles Peak<br>Forest Lake<br>Raymaker<br>Johnson Park               | MILK RIVER Fraver Creek Hear Pau Ski Area Hoxelder Creek King Creek Saddle                | Kivania Camp<br>Mission Symitain<br>Rocky Box<br>Sycker Greek<br>Jaylor Koad  |   | Pic (insequences) Pic (insequences) Pic (insequences) Section 8. S. Section 8. S. Section 8. S. Section 9. Sec   | 1) Hand reference and course only  2 source pillors also  3 source pillors also  3 source pillors also  4 source pillors also  5 source pillors also  6 source pillors also  7 source pillors also  8 source pillors also  8 source pillors also  8 source pillors also  8 source pillors  9 source pillors  | 2) prespirator present of the control of the contro |
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|             | Measuring<br>Dates 2/             |   | 2   | નેનેનેનેનેને   | بآمامتماما   | ಸ್ಸ್ಸ್ಸ್  |   | 1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>2,3,4,5<br>2,3,4,5<br>3,4,5<br>3,4,5<br>3,4,5<br>3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,2,3,4,5<br>1,3,4,5<br>1,3,4,5<br>1,3,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5<br>1,4,5  | 12.3.4.5.53.6<br>1.2.3.4.5.53.6<br>1.2.3.4.5.53.6<br>1.2.3.4.5.53.6<br>1.2.3.4.5.53.6<br>1.2.3.4.5.53.6<br>1.2.3.4.5.53.8  | స్. స్   | 1,2 3 4,5 5,5 5,5 5,5 5,5 5,5 5,5 5,5 5,5 5,5  |
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| INDEA TO MA | Orainage Basin                    | A V V V V V V V V V V V V V V V V V V V | Bloody Olch<br>Greer Creek<br>Ortisensen Ranch<br>Dristensen Ranch<br>Elk Horn Springs<br>Like View<br>Lakeview Cannon<br>Lakeview   | RUBY RIVER<br>Sranham Lakes<br>Clover Headow<br>Olvide Mill Creek<br>Middle Mill Creek<br>Notch<br>Smugsler Mine | BIG HOLE RIVER Abundance Lake Bull Nountain Calchorer Greek Darkhorer Lake Fleeser Ridge | Foother<br>Jahne Lake Trall<br>Mudd Lake<br>Paliaade Greek<br>Slag-A-Welt Lake            | Berry Neadou<br>Copper Mountain<br>Nez Perce Creek<br>Picnic Crownda<br>Pipescone Pass  | MAD SON RIVER Black Bear Call Read Four Miles Black Greek Jack Greek Black Black Black Greek Black Wallakey Greek Malakey Greek Malakey Greek   | GALLATIN RIVER Arch Falls Arch Falls Big Spart Issue Carror anim Carror anim Carror anim Inch Carror Inch Falls Inch Carror Inch Carr   | Shower Falls Taylor Peaks Taylor Peaks Taylor Peaks Twenty-One Hile MissOuri River M Big Coulee Big Coulee Coldar Yourdan Gaaman Raserval  | Landson Creek (1000)  Country Nation (1000)  Country Nation (1000)  Illiphood Station (1000)  Station (1100)  Station (1100)  Station (100)   |
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| -           | Addition to<br>Snow Courses 1/    |   |   | y y  |  |   |   |   | 29   |  |  |
| e e         |                                   | S<br>ASIN                               | * * * * * * * * * * * * * * * * * * *   | N S N S N S N S N S N S N S N S N S N S  | 2222222  | < v   |   | x   | 124 S.P. 124   | 17W H 22W H 22W H 22W H 22W H 23W S2W 23W S.P 23W S.P 23W S.P 23W S.P 23W S.P  | NIS 177 177 177 177 177 177 177 177 177 17   |
|             | Range                             | SVOW COURSES<br>LUMBIA RIVER BA         | 31K<br>30K<br>30K<br>30K<br>30K<br>30K<br>31K<br>31K<br>31K<br>31K<br>31K<br>31K<br>31K<br>31K  |  | 25%<br>111%<br>111%<br>111%<br>111%<br>111%<br>111%<br>111%<br>1                         |   |   |   |  |  | Y BA   |
|             | É                                 | W CO                                    | 278<br>258<br>258<br>258<br>328<br>328<br>338<br>338<br>338<br>338<br>338<br>338  |  | 258<br>228<br>228<br>288<br>318<br>318<br>358<br>358                                     |   |   | 66 68 88 88 88 88 88 88 88 88 88 88 88 8  | 13 13 13 13 13 13 13 13 13 13 13 13 13 1   |  |  |
|             | . Sec.                            | SNOW COURSES<br>COLUMBIA RIVER BASIN    | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   |  | 5150<br>5700<br>5700<br>5600<br>5600<br>5600<br>5600<br>5150<br>1150<br>1150<br>11       |   | 000 |   | 6680<br>6680<br>6680<br>6680<br>6680<br>710<br>710<br>710<br>710<br>710<br>710<br>710<br>71  | 20,046,00 20,000,000,000,000,000,000,000,000,0   | HUDSON<br>\$600 24<br>\$600 1<br>\$500 27<br>\$500 27<br>\$600 36  |
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|             | Wamber                            |   | 1541<br>1541<br>1581<br>1581<br>1581<br>1581<br>1581<br>1581  |  | 14303<br>13411<br>13417<br>13402<br>13704<br>13419<br>de 14409                           |   |   | 10013<br>10013<br>10013<br>10013<br>10013<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010<br>10010 |  | ><br>==  | 13418<br>13403<br>13404<br>13406<br>13406  |
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| 6900<br>5900<br>5200<br>5200<br>7000<br>7000<br>5250<br>5600<br>5700   | 7100<br>7150<br>6100<br>5600<br>8100<br>5300                                     | 7600<br>7000<br>6400<br>8050<br>6450                                       | 3950<br>5200<br>5100<br>6150<br>500<br>5050<br>5050<br>5050<br>5050<br>505  | 7500<br>77500<br>77500<br>77500<br>77500<br>77500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>841500<br>84 |
| 5<br>13A15<br>13A20<br>12B06<br>12B09<br>12B07<br>12B07<br>12B12<br>12B12<br>12B12<br>12B04  | 9002<br>9003<br>9001<br>9001<br>10006  | 10015<br>10013<br>10014<br>10011<br>10012                                  | 9A05<br>9A02<br>9A02<br>9A08<br>8B03<br>8B03<br>9A04<br>8B01<br>9A01<br>9A01  | RIVER<br>(1011)<br>(1072)<br>(1012)<br>(1012)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(1013)<br>(10    |
| TETON - AARIAS RIVERS<br>Badger Pass<br>Badger Pass<br>Bise Lake<br>Cobin Greek<br>Freight Greek<br>Cost Nomrtain<br>Marias Pass<br>Mourt Locklart<br>Waldrow Greek<br>Wrong Greek | JUDITH RIVER Avalanche BLB, Snowv Crystal Lake Rock Greek Spur Park MILCOX Ranch | MUSSELSHELL RIVER Datav Peak Fagle Creek Forest Lake Havnaker Johnson Park | MILK RIVER iteaver Greek theaver Greek theaver Greek theaves for Standard Creek Saddle King Springs Kitania Camp Missaton Yountain Sprick of Society of Society of Springs Springs Society of Springs Springs Springs Springs | UPPR YELLOWSTONE R  Build lidde  Build lidde  Brand Sone  Crevic Constant  Crevic Constant  Brand Crevic  Bran  |

## Agencies and Organizations Cooperating in Montana Snow Surveys

## GOVERNMENT AGENCIES

## Canada:

Water Survey of Canada, Calgary, Department of the Environment
Water Resources Service, Department of Lands, Forests and Water Resources, British Columbia

## Federal:

Department of the Army Corps of Engineers

U.S. Department of Agriculture Forest Service Soil Conservation Service

U.S. Department of Commerce NOAA, National Weather Service

U.S. Department of the Interior
Bonneville Power Administration
Bureau of Indian Affairs
Bureau of Reclamation
Fish an Wildlife Service
Geological Survey
National Park Service

## STATE

Montana Association of Conservation Districts
Montana Department of Fish and Game
Montana Department of Natural Resources and
Conservation
Montana State University - Agricultural Experiment
Station
North Montana Branch Station - Agricultural Experiment
iment Station
University of Montana - School of Forestry

## PRIVATE

Montana Power Company

Other organizations and individuals furnish valuable information for snow survey reports. Their cooperation is gratefully acknowledged.

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"The Conservation of Water begins with the Snow Survey"

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